



RASAN ALMUMAYAZ COMPANY  
for General Trading and Contracting

# RASAN ALMUMAYAZ COMPANY LTD.

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**For General Trading and  
Contracting**



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**Our Website:** [www.rasangroup.co](http://www.rasangroup.co)

# ■ About the Company



Rassan Al-Mumayaz Trading and General Contracting Company was established in 2009 by Mr. Aram Kamal Yasin. It is one of the leading companies in providing integrated construction solutions. The company's headquarters is located in Erbil, 60th Street, and its core activities include supplying scaffolding, construction molds, elevators, tower cranes, insulation materials, and all aspects of modern construction.

The company is also involved in executing major projects, including residential complexes, oil refineries, and both governmental and non-governmental projects. Since its establishment, Rassan Al-Mumayaz has been a trusted partner for many institutions in Iraq and the Kurdistan Region, known for its high efficiency and commitment to international standards.

The company is registered with the Iraqi General Commission of Taxes of the Ministry of Finance, and it operates with transparency in compliance with local laws and regulations.

## ■ Our Mission

Our mission is to provide advanced construction solutions that meet modern needs. We offer high-quality products and services, including scaffolding, construction molds, elevators, tower cranes, and insulation materials, along with executing residential, industrial, and oil refinery projects efficiently.

We are committed to developing infrastructure, supporting the local economy, and delivering exceptional services that contribute to a prosperous future. Our focus is on safety, quality, environmental protection, and sustainable development.





## ■ Our Vision

Our goal is to become the leading name and primary reference in the field of trade and general contracting, and to be key partners in the rebuilding and development of infrastructure in Iraq and the Kurdistan Region. We aim to provide comprehensive and integrated construction solutions that meet current needs while anticipating the future. We strive for excellence through continuous innovation, enhancing quality standards, and committing to the development of projects that deliver lasting economic and social value.



## ■ Our Services

01

**Comprehensive Solutions:** We offer high-quality products and services, including scaffolding, molds, elevators, cranes, and insulation materials.

02

**Efficient Project Delivery:** We specialize in timely and efficient execution of residential, industrial, and oil refinery projects.

03

**Sustainability and Innovation:** We prioritize modern technologies, sustainable practices, and continuous innovation to improve project quality and impact.

## ■ Brands We Trust



# Waterproofing



## Sika® Igolflex®-205

Two component, cement and bitumen rubber based waterproofing coating

**Packaging:** 32 kg

**Consumption:** approx. 1.1 kg/m<sup>2</sup> for 1 mm thickness.



## Sika® Igasol® BC

Rubberized Bitumen Based Coating

**Color:** Brown-Black

**Packaging:** 15 lt pail

**Consumption:** 0.25 – 0.50 kg/m<sup>2</sup> per coat,  
(applied in 2-3 coats)



## Sika® Likit Plastik

Elastic Waterproofing Agent

**Color:** Liquid-White

**Packaging:** 20 kg pails

**Consumption:** app. 0.750 kg/m<sup>2</sup>(vertical surfaces),  
1.0 -1.5 kg/m<sup>2</sup> (horizontal surfaces)



## Sikalastic®-560

Cold-applied, one-component waterborne liquid applied , highly elastic and UV-resistant. Suitable for use in hot climatic conditions.

**Color:** Liquid-White

**Packaging:** 20 kg plastic pails

**Consumption:** 1.0 kg/m<sup>2</sup> – 2.1 kg/m<sup>2</sup>



## SikaBit® T-1150 PG SA

Reinforced plastomeric bituminous waterproofing membrane torch applied

**Color:** Black

**Roll Size:** one meter (width) X Ten meters (Length)



# Waterproofing



## Sika® Injection-107

One-component, polyurethane-based, slightly flexible, foaming injection resin for the permanent watertight sealing of cracks.

**Color:** Yellowish

**Packaging:** Available in metal containers of: 1.0kg, 5.3kg, 10.6kg, 21.2kg

**Compusion:** Moisture and water reactive one - component, foaming polyurethane resin.



## Sika® Injection Packers

They are filling valves or ports and connection pieces between the injection equipment and the structure. when sealing structures or repairing cracks by injection. They can be used for the injection of various materials.



## Sikadur®-52 LP

Low viscosity injection resin

**Composition:** solvent-free two-part epoxy resin

**Packaging:** Pre-batched Part A+B: 4 kg unit

**Colour:** Part A+B Yellowish-brownish

**Consumption:** 1 kg of it is equal to ~1 L of injection resin



## Sika®-1

A normal setting liquid waterproofing admixture for mortar and concrete.

**Color:** Yellow liquid

**Packaging:** 6kg



## Sikalastic®-851 R

Two component spray applied roof waterproofing membrane

**Color:** Grey

**Packaging:** Component **A**: 202 kg drum

Component **B**: 211 kg drum

**Consumption:** 1.6 kg/m<sup>2</sup>

# Waterproofing



## Sikadur-Combiflex® SG-10 P

High performance joint and crack sealing tape  
Sealing all types of joints and cracks in many different structures and applications.

**Appearance & Color:** Flexible light grey membrane

**Packaging:** 1 roll of 25 m length



## SikaSwell® A

Acrylic swellable joint sealing profile

**Appearance & Color:** Rectangular red profiles.

**Packaging:** Type 2005: Roll of 20 m, Box with 1 or 6 rolls

Type 2010: Roll of 10 m, Box with 1 or 6 rolls

Type 2015: Roll of 7 m, Box with 1 or 8 rolls

Type 2025: Roll of 5 m, Box with 6 rolls



## SikaSwell® S-2

Polyurethane hydrophilic swellable sealant which swells in contact with water to seal all types of construction joints and penetrations in concrete.

**Packaging:** 600 ml unipacs, 20 unipacs/box.



## Sika® Injection-101 RC

Flexible PUR-Injection foam for temporary waterstopping.

**Composition:** Water reactive 2-part polyurethane resin, solvent and CFC free.

**Packaging:** (Part A 10 or 20 kg) & (Part B 12.5 or 25 kg)



## SikaTop® Seal-107 Elastik

Elastic cementitious waterproof mortar slurry comprising of a liquid polymer a cement based mix incorporating special admixtures.

**Color:** Grey & White

**Packaging:** 30 kg (A+B)

**Consumption:** ~ 1.7 kg/m<sup>2</sup>/mm

# Waterproofing



## Sikalastic®-152

Cementitious flexible fibre-reinforced mortar for waterproofing and concrete protection.

**Color:** Grey

**Packaging:** Part A (Liquid) 8 kg Part B (Powder) 25 kg

**Consumption:** ~1,8 kg/m<sup>2</sup>/mm



## Sikalastic®-1K

One-component cementitious mortar, fibre-reinforced for flexible waterproofing and concrete protection.

**Color:** Light grey

**Packaging:** 20 kg bags

**Consumption:** ~1,2 kg/m<sup>2</sup>/mm



## Sikalite®

Powdered waterproofing admixture for mortar, used to waterproof Portland cement/sand renders and mortars for application to: Walls, Facades, Floor toppings, Jointing mortars.

**Packaging:** 1kg, 25kg and 200kg

**Consumption:** 1kg per 50 kg of Portland cement



## Sika MonoTop®-108 Water Plug

Rapid-setting cement mortar for plugging water leaks in concrete and masonry walls.

**Color:** Grey powder

**Packaging:** 5 kg aluminum bag packed

**Mixing ratio:** 1.25-1.40 liter of water per 5 kg bag



## SikaTop® Seal-107

Two-component, polymer-modified, cementitious waterproofing and protective slurry mortar for concrete. It is slightly flexible to tolerate fine cracks and suitable in both interior and exterior applications.

**Packaging:** Part A: 5.0 kg container, Part B: 20.0 kg bag

**Consumption:** ~ 1.5 kg/m<sup>2</sup>



# Refurbishment



## SikaCrete®-114

one component, free-flowing, high strength, non-shrink, cement based micro-concrete.

**Compressive strength:** 28 Day  $\geq 65 \text{ N/mm}^2$

**Layer thickness:** Min. 50 mm per pour, Max. 500 mm per pour



## SikaLatex®-IQ

A synthetic rubber emulsion that is used as admixture for cementitious bonding bridges and high quality site-mix mortars.

**Color:** White liquid

**Packaging:** 4 Kg Pail, 20 Kg Pail



## Sika MonoTop®-610

Cementitious, polymer modified one-component coating material containing silica fume used as bonding primer and reinforcement corrosion protection.

**Color:** Pink / grey powder

**Packaging:** 25 kg bags



## Sika MonoTop®-612

R3 high strength high build concrete repair mortar.

**Color:** Grey powder

**Packaging:** 25 kg bags

**Compressive strength:**  $\sim 40 \text{ MPa}$

**Consumption:**  $\sim 18 \text{ kg}$  of powder per cm thick per  $\text{m}^2$

**Layer thickness:** minimum 5 mm / maximum 30 mm



## Sika MonoTop®-620

R3 pore sealer and levelling mortar.

**Color:** Light grey powder

**Packaging:** 25 kg bags

**Compressive strength:**  $\sim 43 \text{ MPa}$

**Consumption:**  $\sim 17.4 \text{ kg}$  of powder per  $\text{m}^2$  per cm thick

**Layer thickness:** min 1.5 mm / max 5.0 mm

## Refurbishment



### Sika® CarboDur® BC

Pultruded carbon fibre rods for structural strengthening as part of the sika® carbodur® system.

**Color:** Carbon fibre reinforced polymer with an epoxy matrix, Black

**Packaging:** Supplied in rolls of 100 m (BC 6) in non-returnable cardboard boxes, or cut to 12 m long bars (BC 8, BC 10, BC 12)

**Laminate tensile strength:** 3,100 N/mm<sup>2</sup>

**Laminate modulus of elasticity in tension:** 148,000 N/mm<sup>2</sup>

**Consumption:** Sika® CarboDur® BC6 ≤ 0.12 kg/m  
 Sika® CarboDur® BC8 ≤ 0.18 kg/m  
 Sika® CarboDur® BC10 ≤ 0.24 kg/m  
 Sika® CarboDur® BC12 ≤ 0.32 kg/m



### Sikadur®-30 LP

Thixotropic adhesive for bonding reinforcement.

**Packaging:** 6 kg (A+B)

**Color:** Component A + B mixed: light grey

**Modulus of elasticity in tension:** ~10 000 N/mm<sup>2</sup> (at +25 °C)

**Layer thickness:** 30 mm max



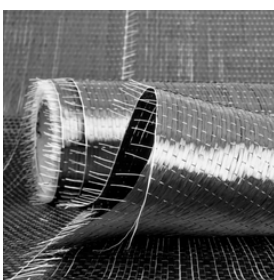
### Sikadur®-330

R3 high strength high build concrete repair mortar.

**Color:** Components A + B mixed: light grey paste

**Packaging:** 5 kg (A+B)

**Consumption:** Guide: 0.7 – 1.5 kg/m<sup>2</sup>



### SikaWrap®-300 C

Woven unidirectional carbon fibre fabric, designed for structural strengthening applications as part of the Sika® strengthening system.

Appearance & Color: Warp: Black carbon fibres 99%  
 Weft: White thermoplastic heat-set fibres 1%

# Refurbishment



## Sikadur®-31 CF Slow

Moisture tolerant, thixotropic, structural 2-component adhesive and repair mortar.

**Color:** Components A+B mixed: concrete grey

**Packaging:** 6 kg (A+B)

**Consumption:** ~ 1.9 kg/m per mm of thickness.



## Sikadur®-32 LP

Epoxy structural bonding agent for use at high temperatures.

**Color:** Parts A+B mixed concrete grey

**Packaging:** Parts A+B 5 kg

**Consumption:** ~1.3 kg/m<sup>2</sup> per mm of thickness



## Sika AnchorFix®-2 Tropical

Anchoring adhesive for medium to high loads.

**Color:** Component A+B mixed: off white/beige

**Packaging:** 300 ml standard cartridge

**Compressive strength:** ~70 N/mm<sup>2</sup> (7 days, +20 °C)

**Modulus of elasticity in tension:** ~3,800 N/mm<sup>2</sup>  
(7 days, +20 °C)



## Sika AnchorFix®-3030

Epoxy high performance chemical anchoring adhesive.

**Color:** A+B mixed Light grey

**Packaging:** 385 mL dual cartridge

**Compressive Strength:** 95 MPa / 13 779 psi  
(7 days, +20 °C / +68 °F)



## Sikadur®-42 LE

3-part, high performance, low exothermic epoxy grouting system.

**Color:** Dark Grey

**Packaging:** Pre-batched unit: 130 kg (A+B+C)

**Modulus of elasticity in compression:** ~ 19 000 N/mm<sup>2</sup>



## ■ Refurbishment



### **Sikadur®-42 LP**

3-part, multi purpose epoxy grouting system.

**Color:** Concrete Grey

**Packaging:** Pre-batched unit: 20 kg (A + B + C)

**Consumption:** ~2.0 kg / m<sup>2</sup> / mm



### **SikaGrout®-212**

1-component, ready to mix, free flowing, low shrinkage expanding cementitious grout.

**Appearance / Color:** Grey Powder

**Packaging:** 25 kg bag

**Consumption:** As a guide, ~22 kg of powder per 10 mm thickness for each m<sup>2</sup>



### **SikaGrout®-214**

Cement based, 1-component, ready to mix, free flowing expansion compensated low shrinkage general purpose grout.

**Appearance / Color:** Grey powder

**Packaging:** 25 kg bags

**Compressive strength at 28 day:** ~ 50 MPa

## ■ Flooring



### **Sikafloor® PS**

Two component, epoxy resin based putty for minor repairs on concrete surfaces.

**Appearance / Color:** Grey (Mixed A + B)

**Packaging:** (A + B) 6 kg

**Consumption:** ~ 1.75 kg / m<sup>2</sup> / mm

**Layer thickness:** Maximum 3 mm in one single layer

## ■ Flooring



### Sikafloor®-161

Epoxy Primer, Leveling Mortar, Intermediate Layer and Mortar Screed.

**Appearance / Color:** Part A brownish-transparent, liquid

**Packaging:** Part A+B 25kg ready to mix unit  
Part B transparent, liquid



### Sikafloor®-169

Low VOC epoxy resin binder for decorative mortar screeds, terrazzo floor systems and seal coats.

**Appearance / Color:** Gloss finish

**Packaging:** Part A + Part B 10 kg unipacks

**Consumption:** ~0,15 kg/m<sup>2</sup>



### Sikafloor®-220 W Conductive

Two part, water dispersed, epoxy resin with a high electrostatic conductivity.

**Appearance / Color:** liquid, Part A:Black , Part B: White

**Packaging:** Part A + B 6 kg unipacks

**Consumption:** ~0,08-0,10 kg/m<sup>2</sup>



### Sikafloor®-263 SL

Two part epoxy covering for smooth and broadcasted flooring surfaces.

**Appearance / Color:** Liquid, Part A: Colored

Part B: Transparent

**Packaging:** Part A+B 20 kg ready to mix units

**Consumption:** ~0.3-0.5 kg/m<sup>2</sup> applied as a roller coating.



### Sikafloor®-264

T-part epoxy roller and seal coat.

**Packaging:** 30 kg ready to mix units

**Consumption:** ~0.25-0.3 kg/m applied as a roller coating  
~0.9-1.2 kg/m/mm applied as a self-smoothing wearing.

## ■ Flooring



### Sikafloor®-381 ECF

Two part, electrostatic conductive self-smoothing, colored epoxy resin with very high chemical resistance.

**Packaging:** Part A+B 25 kg ready to mix units

**Consumption:** 2.5 kg/m<sup>2</sup> Binder + quartz sand



### SikaCor® Zinc R

Two-pack, highly pigmented zinc-rich primer of low solvent content, based on epoxy resin. Low solvent content according to Protective Coatings Directive of

**Appearance / Color:** Zinc grey, mat.

**Packing:** 15 kg



### Sikafloor®-316

Two-component clear coat based on polyurea technology used on rigid floors.

**Appearance / Color:** Part A+B Clear liquid

**Packaging:** Part A+B 5,0 kg ready to mix units

**Consumption:** On smooth surfaces ~0.07-0.08 kg/m<sup>2</sup>/layer

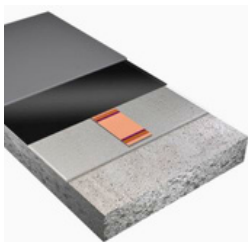


### Sikafloor®-359 N

Two part tough-elastic, colored, non-yellowing, polyurethane seal coat.

**Packaging:** Part A+B 32.5 kg ready to mix units

**Consumption:** ~0.7-0.9 kg/m<sup>2</sup>/layer.



### Sikafloor® Copper tape

Copper Foil Adhesive Tape For Electrostatic Conductive Floors

**Packaging:** 20 m rolls. Net weight 0.080 kg/roll

**Thickness:** ~0.08-0.10 mm



### Sikagard® PW

Chemical Resistant Epoxy.

**Appearance / Color:** Grey and white (mixed A + B).

**Packaging:** Part A + B 14 kg ready to mix units.



## Roofing



### SikaFill®-300 Thermic

Thermal insulation and waterproofing for roofs and terraces that contribute to the reduction of temperature and condensation.

**Color:** White

**Packaging:** 12kg



### Sikalastic®-560 GCC

Eco-friendly Liquid Applied Roof Waterproofing Solution Based on Sika Co-Elastic Technology (CET).

**Color:** White

**Packaging:** 20 kg plastic pails



### Sikalastic®-851 R

Two-component spray applied roof waterproofing membrane.

**Color:** Mixed product: grey

**Packaging:** Component A 211 kg drum,  
Component B 202 kg drum



### Sika® Likit Plastik

R3 manually applied, acrylic copolymer, elastomeric resin based, one component, liquid plastic coating and rubber waterproofing agent.

**Color:** White

**Packaging:** 20 kg pails



### Sika® Reemat Premium

A glass fibre mat reinforcement for Sikalastic® Liquid Applied Membrane systems.

**Color:** White

**Packaging:** Rolls: 1.3 m wide by 150 m long

1.3 m wide by 90 m long

0.3 m wide by 150 m long

## Sealing & Bonding



### Sika Boom® P

One-component, fast curing polyurethane foam made for easy application with plastic nozzle.

**Color:** Light yellow

**Packaging:** 12x750 ML

**Consumption:** Max. aprox. 45 dm<sup>3</sup>



### Sikacryl®-112 Universal

one part, acrylic, water-based joint sealant for internal joints with low movement and internal crack filling.

**Color:** White

**Packaging:** 280 ml cartridge

**Composition:** 1-part acrylic



### Sikaflex® Construction+

Sealant for concrete and masonry facades.

**Color:** Concrete grey, White

**Composition:** i-Cure® Technology polyurethane

**Packaging:** 600 ml foil pack, 20 foil packs per box

**Service temperature:** -40 °C to +70 °C



### Sikaflex®-11 FC+

Multipurpose elastic adhesive and joint sealant.

**Color:** Concrete grey

**Composition:** i-Cure technology polyurethane

**Packaging:** 600 ml cylindrical foil pack

**Tensile strain at break:** ~700 %



### Sika® MultiSeal BT

Highly adhesive butyl sealing tape.

**Appearance / Color:** Grey, Silver

**Composition:** Butyl rubber compound

**Packaging:** 10m

**Thickness:** ~0,8 mm / 1,0 mm / 1,5 mm (including aluminum film)

**Service temperature:** -30 °C min. / +90 °C max.

## Sealing & Bonding



### Sika® Polysulphide PG

Two component self-leveling polysulphide sealant.

**Color:** Paste, grey

**Packaging:** 4 L pack (Comp. A + Comp. B)

**Service temperature:** -20 °C min. / +80 °C max.



### SikaCeram® Sealing Membrane W

Flexible waterproofing / decoupling membrane for wet rooms.

**Packaging:** 1.0 m wide x 30 m long roll per box

**Appearance / Color:** Yellow

**Mass per unit area:** 200 g/m<sup>2</sup> (+20 g/m<sup>2</sup>)



### Sikagard®-703 W

Emulsion, ready for use, silane / siloxane combination based, water repellent impregnation.

**Packaging:** 5L cans

**Appearance / Color:** Whitish liquid

**Consumption:** ~ 150-200 g/m<sup>2</sup>



### Sika® SealTape F

Elastic system component which is used in combination with Sika® waterproofing products.

**Packaging:** Box with 20 pieces

**Appearance / Color:** Yellow

**Thickness:** ~0.66 mm



### Sika® Seramik Astar

Acrylate Based Special Primer for Non-absorbent Substrates.

**Packaging:** 3 kg plastic pail

**Appearance / Color:** Pink

**Consumption:** Approx. 100 - 150 g/m<sup>2</sup>

## ■ Sealing & Bonding



### **SikaCeram®-259**

Cementitious tile adhesive for large tiles , C2TE classified according to EN 12004.

**Appearance / Color:** White Powder

**Packaging:** 25 kg Bags

## ■ Concrete Admixtures



### **Sika® Antisol® WB IQ**

A ready to use, solvent free, water based liquid curing compound for preventing the evaporation of mixing water in concrete.

**Color:** White liquid

**Packaging:** 20 kg Canister, 1000 Kgs IBC



### **Sika® ViscoCrete®-1681**

Hardening accelerator, high range water reducing & superplasticizing admixture.

**Appearance / Color:** Light brownish liquid

**Packaging:** 20 kg Pail, 1000 Kgs IBC



### **SikaFiber® PPM-12**

12 mm long monofilament polypropylene fibres for use in concrete and mortars.

**Color:** Transparent fibres

**Packaging:** 600 g or 900 g bags.

**Composition:** 100 % polypropylene



### **Sika® Form Oil Emulsion**

A solvent free release agent for wood, metal or plastic formwork.

**Color:** yellow liquid

**Packaging:** 27 litres, 200 liters

**Composition:** release agent on mineral oil base.



# Protective paints

## Hempadur 15400

A two-component, amine adduct cured epoxy paint, which cures to a coating with excellent resistance to a wide range of chemicals. It is used for painting the internal lining of tanks, the floors of medium-load food stores.

**Color:** White 10000, light red 50900

**Minimum application temperature:** 5°C

**Weight:** 1.4 kg/L

**Solid content:** 48%

**Complete hardening:** 7 days at 20°

**Volatile organic content:** 456 g/L

**Theoretical coverage rate:** 6 square meters per liter  
with a thickness of 80 Micron

**Layer thickness:** between 80 microns and 125 microns

**Drying time:** 8-10 hours at 20°C

**Re-coating:** Possibility of painting after 10 hours at 20°C



Value	Characteristics
Resistant to a wide variety of tank contents.	Versatile use in the field of tank coating.
The result of long experience.	Good adhesion + Quick and easy to apply.
Long lasting & permanent protection.	Good conformance and reliability.
Wide application areas.	Good protection properties.

# Protective paints

## Hempadur 85671

An amine adduct cured, phenolic epoxy (novolac) coating with very good adhesion and excellent chemical and high temperature resistance. Used as interior lining in tanks, pipelines, railcars, etc. for hot water, brine, crude oil, vegetable oils and other chemicals as per the Chemical protection guide (only valid for shades 11150 & 50900).

**Color:** White 11630, light red 50900

**Minimum application temperature:** 10°C

**Weight:** 1.7 kg/L

**Solid content:** 68%

**Complete hardening:** 10 days at 20°

**Volatile organic content:** 320 g/L

**Theoretical coverage rate:** 6.8 square meters per liter  
with a thickness of 100 Micron

**Layer thickness:** between 50 microns and 150 microns

**Drying time:** 4-6 hours at 20°C

**Re-coating:** Possibility of painting after 24 hours at 20°C



Value	Characteristics
Resistant to a wide variety of tank contents.	Versatile use in the field of tank coating.
The result of long experience.	Corrosion protection.
Long lasting & permanent protection.	Good conformance and reliability.
Wide application areas.	Good protection properties.

# Protective paints

## Hempadur 45880

A polyamide curing, high solids modified epoxy paint. It forms a hard and tough coating, has good wetting properties and cures at low temperature. is recommended as a self-primed, surface tolerant paint for steel and concrete or as an intermediate or a topcoat in systems where low VOC and high film build are required. The product can be used when extended recoating properties for polyurethane topcoats are required.

**Color:** Grey 12170, other colors are also available

**Minimum application temperature:** 0°C

**Weight:** 1.4 kg/L

**Solid content:** 80%

**Complete hardening:** 7 days at 20°

**Volatile organic content:** 220 g/L

**Theoretical coverage rate:** 4 square meters per liter  
with a thickness of 200 Micron

**Layer thickness:** between 125 microns and 200 microns

**Drying time:** 4 hours at 20°C



Value	Characteristics
Resistant to a wide variety of tank contents.	Versatile use in the field of tank coating.
The result of long experience.	Good adhesion + Quick and easy to apply.
Long lasting & permanent protection.	Good conformance and reliability.
Wide application areas.	Good protection properties.

## ■ Protective paints

### Hempathane HS 55610

A glossy polyurethane topcoat, cured with aliphatic isocyanate. The product has very good gloss and color retention and contains zinc phosphate. It is recommended as VOC compliant, high-build finishing coat for protection of structural steel in severely corrosive environment.

**Color:** White 10000, other colors are also available

**Minimum application temperature:** -10°C

**Weight:** 1.4 kg/L

**Solid content:** 65%

**Complete hardening:** 7 days at 20°

**Volatile organic content:** 330 g/L

**Theoretical coverage rate:** 6.5 square meters per liter  
with a thickness of 100 Micron

**Layer thickness:** between 50 microns and 125 microns

**Drying time:** 5 hours at 20°C

**Re-coating:** Possibility of painting after 16 hours at 20°C



Value	Characteristics
It can be used as a base and top coat.	Solid and Multicolored.
One product for all seasons.	Quick and easy to apply.
Long lasting & permanent protection.	Possibility of hardening at a temperature of -10°C.
Reduces the cost.	Preserving color and shine.



## ■ Protective paints

### Hempathane Topcoat 55210

A glossy polyurethane topcoat that is cured with aliphatic isocyanate and delivers very good gloss and colour retention. It is recommended as a finishing coat for protection of structural steel in severely corrosive atmospheric environment, where colour fastness and gloss retention are required.

**Color:** White 10000, other colors are also available

**Minimum application temperature:** -10°C

**Weight:** 1.4 kg/L

**Solid content:** 65%

**Complete hardening:** 7 days at 20°

**Volatile organic content:** 330 g/L

**Theoretical coverage rate:** 10.2 square meters per liter  
with a thickness of 50 Micron

**Layer thickness:** between 40 microns and 75 microns

**Drying time:** 8-10 hours at 20°C

**Re-coating:** Possibility of painting after 10 hours at 20°C



Value	Characteristics
It offers a wide range of colors.	Possibility of hardening at a temperature of -10°C.
One product that can be used in both summer and winter.	Quick and easy to apply.
Long lasting & permanent protection.	Preserving color and shine.

# Makita Products

### 6412 10mm (3/8") Drill

Compact and lightweight, yet with enough power

**110V**

**6412/B**

Continuous Rating Input Capacity	450W
Steel: 10 mm (3/8")	Wood: 25 mm (1")
No Load Speed (RPM)	0-3,400
Dimensions (L x W x H)	228x64x183mm (9"x2-1/2"x7-1/4")
Net Weight	1.3kg (2.9lbs)
Power Supply Cord	2.0m (6.6ft)

Chuck Key

### HP2070 20mm (3/4") 2-Speed Hammer Drill

1,010W Power in slender and compact body with durable metal gear housing

**110V**

**HP2070/B**

Continuous Rating Input Capacity	1,010W
Concrete: 20 mm (3/4")	Steel High: 8mm (5/16")
Steel Low: 16mm (5/8")	Wood High: 25mm (1")
Wood Low: 40mm (1-9/16")	
Impacts Per Minute (BPM)	High: 0-58,000 Low: 0-24,000
No Load Speed (RPM)	High: 0-2,900 Low: 0-1,200
Overall Length	364 mm (14-3/8")
Net Weight	2.6kg (5.7lbs)
Power Supply Cord	2.5m (8.2ft)

Chuck Key, Side Grip, Depth Rod

### HR2630X3 26mm (1") Combination Hammer

26mm (1") Combination Hammer

**110V**

**HR2630X3/B**

Continuous Rating Input Capacity	800W
Concrete: 26 mm (1")	Core Bit: 68 mm (2-11/16")
Diamond Core Bit (Dry Type): 80 mm (3-1/8")	Steel: 13 mm (1/2")
Wood: 32 mm (1-1/4")	
Blows Per Minute (BPM)	0-4,600
No Load Speed (RPM)	0-1,200
Sound Power Level	101 dB(A)
Dimensions (L x W x H)	385x72x209 mm (15-1/8"x3"x8-1/4")
Net Weight	3.0 kg (6.6 lbs)
Power Supply Cord	2.5 m (8.2 ft)

Side Grip, Depth Gauge

### 6413 10mm (3/8") Drill

Compact and lightweight, yet with enough power

**110V**

**6413/B**

Continuous Rating Input Capacity	450W
Steel: 10 mm (3/8")	Wood: 25 mm (1")
No Load Speed (RPM)	0-3,400
Dimensions (L x W x H)	234x64x183mm (9-1/4"x2-1/2"x7-1/4")
Net Weight	1.3kg (2.9lbs)
Power Supply Cord	2.0m (6.6ft)

Chuck Key, Side Grip

### HR4501C 45mm (1-3/4") Rotary Hammer

High performance and durability

**110V**

**HR4501C/B**

Continuous Rating Input Capacity	1,350W
Concrete (with T.C.T. bit): 45mm (1-3/4")	Concrete (with Core bit): 125mm (5")
Blows Per Minute (BPM)	1,250-2,750
No Load Speed (RPM)	130-280
Dimensions (L x W x H)	458x121x288mm (18"x4-3/4"x11-3/8")
Net Weight	8.2-8.4kg (18.1-18.5lbs)
Power Supply Cord	5.0m (16.4ft)

Side Handle (D), Side Grip, Depth Gauge, Grease Vessel

### HR2810 28mm (1-1/8") Combination Hammer

3 operation modes - hammering, hammering with rotation, rotation

**110V**

**HR2810/B**

Continuous Rating Input Capacity	800W
Concrete (with T.C.T. bit): 28mm (1-1/8")	Steel: 13 mm (1/2")
Wood: 32 mm (1-1/4")	
Blows Per Minute (BPM)	0-4,500
No Load Speed (RPM)	0-1,100
Sound Power Level	100 dB(A)
Dimensions (L x W x H)	314x89x225 mm (12-3/8"x3-1/2"x8-7/8")
Net Weight	3.4-3.8kg (7.5-8.5lbs)
Power Supply Cord	4.0 m (13.1 ft)

Side Grip, Depth Gauge

### DS4011 13mm (1/2") Drill

New aesthetic design

**110V**

**DS4011/B**

Continuous Rating Input Capacity	750W
Steel: 13 mm (1/2")	Wood: 36 mm (1-7/16")
No Load Speed (RPM)	600
Dimensions (L x W x H)	340x83x401mm (13-3/8"x3-1/4"x15-3/4")
Net Weight	2.8kg (6.3lbs)
Power Supply Cord	2.5m (8.2ft)

Chuck Key, Side Grip

### HR5212C 52mm (2-1/16") Rotary Hammer

High efficiency and unrivalled low level of vibration

**110V**

**HR5212C/B**

Continuous Rating Input Capacity	1,510W
Concrete (with T.C.T. bit): 52mm (2")	Concrete (with Core bit): 160mm (6-5/16")
Blows Per Minute (BPM)	1,100-2,250
No Load Speed (RPM)	150-310
Dimensions (L x W x H)	599x140x287mm (23-1/2"x5-1/2"x11-1/4")
Net Weight	11.9-12.0kg (26.2-26.5lbs)
Power Supply Cord	5.0m (16.4ft)

Side Handle (D), Side Grip, Depth Gauge, Grease Vessel

### HM1214C Demolition Hammer

Comfortable operation at hammering downward

**110V**

**HM1214C/B**

Continuous Rating Input Capacity	1,510W
Blows Per Minute (BPM)	950-1,900
Sound Power Level	98 dB(A)
Dimensions (L x W x H)	700x129x265mm (27-1/2"x5-1/8"x10-3/8")
Net Weight	12.3kg (27.1lbs)
Power Supply Cord	5.0m (16.4ft)

Bull Point, Bit Grease, Side Handle

### HP2050 20mm (3/4") 2-Speed Hammer Drill

Slender and compact body with durable metal gear housing

**110V**

**HP2050/B**

Continuous Rating Input Capacity	720W
Concrete: 20 mm (3/4")	Steel Hi: 8mm (5/16")
Steel Lo: 13mm (1/2")	Wood Hi: 25mm (1")
Wood Lo: 40mm (1-9/16")	
Impacts Per Minute (BPM)	High: 0-58,000 Low: 0-24,000
No Load Speed (RPM)	High: 0-2,900 Low: 0-1,200
Overall Length	362 mm (14-1/4")
Net Weight	2.5kg (5.6lbs)
Power Supply Cord	2.5m (8.2ft)

Chuck Key, Side Grip, Depth Rod

### HR3200C 32mm (1-1/4") Combination Hammer

3 operation modes - hammering, hammering with rotation, rotation

**110V**

**HR3200C/B**

Continuous Rating Input Capacity	850W
Concrete (with T.C.T. bit): 32mm (1-1/4")	Concrete (with Core bit): 105mm (4-1/8")
Steel: 13 mm (1/2")	Wood: 32 mm (1-1/4")
Blows Per Minute (BPM)	1,650-3,300
No Load Speed (RPM)	315-630
Dimensions (L x W x H)	398x108x239 mm (15-5/8"x4-1/4"x9-3/8")
Net Weight	4.8-5.2kg (10.5-11.5 lbs)
Power Supply Cord	5.0m (16.4ft)

Depth Gauge, Side Grip, Grease Vessel

### HM1205C Demolition Hammer

19.1 J Demolition Hammer, SDS-MAX Bits

**110V**

**HM1205C/B**

Continuous Rating Input Capacity	1,510W
Blows Per Minute (BPM)	950-1,900
Dimensions (L x W x H)	576x128x265mm (22-3/4"x5"x10-3/8")
Net Weight	9.7kg (21.4lbs)
Power Supply Cord	5.0m (16.4ft)

Bull Point, Bit Grease, Side Handle

### HP1630 16mm (5/8") Hammer Drill

High power 710W motor

**110V**

**HP1630/B**

Continuous Rating Input Capacity	710W
Concrete: 16 mm (5/8")	Steel: 13 mm (1/2")
Wood: 30 mm (1-3/16")	
No Load Speed (RPM)	0-3,200
Impacts Per Minute (BPM)	0-48,000
Sound Power Level	108 dB(A)
Dimensions (L x W x H)	296x75x204mm (11-5/8"x2-15/16"x8")
Net Weight	2.1 kg (4.6 lbs)
Power Supply Cord	2.0 m (6.6 ft)

Side Grip, Chuck Key (HP1630)

### HR4002 40mm (1-9/16") Rotary Hammer

High efficiency by high speed

**110V**

**HR4002/B**

Continuous Rating Input Capacity	1,050W
Concrete (with T.C.T. bit): 40mm (1-9/16")	Concrete (with Core bit): 105mm (4-1/8")
Blows Per Minute (BPM)	2,500
No Load Speed (RPM)	680
Sound Power Level	103 dB(A)
Dimensions (L x W x H)	458x114x256mm (18"x4-1/2"x10-1/8")
Net Weight	6.6-6.8kg (14.6-15.0lbs)
Power Supply Cord	5.0m (16.4ft)

Side Grip, Bit Grease, Depth Gauge

### HM0870C Demolition Hammer

High durability and excellent demolition performance

**110V**

**HM0870C/B**

Continuous Rating Input Capacity	1,100W
Blows Per Minute (BPM)	1,100-2,650
Sound Power Level	98 dB(A)
Dimensions (L x W x H)	449x109x230mm (17-3/4"x4-1/4"x9")
Net Weight	5.1-5.3kg (11.1-11.6lbs)
Power Supply Cord	5.0m (16.4ft)

Grease for Bit, Side Handle

# Makita Products

### HK1820 Power Scraper

Compact and lightweight. One-touch sliding chuck

**350**



Continuous Rating Input	550W
Blows Per Minute (BPM)	0-3,200
Dimensions (L x W x H)	351x102x203mm (13-3/4"x4"x8")
Net Weight	3.4kg (7.5lbs)
Power Supply Cord	5.0m (16.4ft)

4

Bull Point, Scaling Chisel, Scaling Chisel (For Tile), Hook Complete

### SG1251J 125mm (5") Wall Chaser

Compact design for perfect handling

**318**



Continuous Rating Input	1,400W
Capacity	Depth: 0-30mm (0 - 1-3/16") Width: 6-30mm (1/4 - 1-3/16")
Blade Diameter	125mm (5")
No Load Speed (RPM)	10,000
Dimensions (L x W x H)	350x151x178mm (13-3/4"x5-15/16"x7")
Net Weight	4.3kg (9.5lbs)
Power Supply Cord	5.0m (16.4ft)

1

Diamond Wheel x 2, Hex Wrench, Lock Nut Wrench

### TW0350 12.7mm (1/2") Impact Wrench

Incredibly high torque of 350N.m (260ft.lbs)

**411**

110V



Continuous Rating Input	400W
Fastening Capacities	Standard Bolt: M12 - M22 (1/2" - 7/8") High Tensile Bolt: M12 - M16 (1/2" - 5/8")
Square Drive	12.7mm (1/2")
No Load Speed (RPM)	2,000
Impacts Per Minute (IPM)	2,000
Max Fastening Torque	350 N.m (260 ft.lbs.)
Sound Power Level	104 dB(A)
Dimensions (L x W x H)	283x89x233mm (11-1/8"x3-7/16"x9-1/8")
Net Weight	3.0kg (6.6lbs)
Power Supply Cord	2.5m (8.2ft)

4

Socket

### HM1306 30mm (1-3/16") Hex Shank Demolition Hammer

21.7 J Demolition Hammer, 30 mm Hex Shank

**204**

110V



Continuous Rating Input	1,510W
Blows Per Minute (BPM)	1,450
Dimensions (L x W x H)	652x121x231mm (25-3/4"x4-3/4"x9-1/8")
Net Weight	15.1kg (33.3lbs)
Power Supply Cord	5.0m (16.4ft)

1

Bull Point, Wrench, Side Handle, Oil Supply 100ml

### FS2700 Screwdriver

6 Stage torque adjustment for a wide range of applications

**419**



Continuous Rating Input	570W
Capacity	Machine screw: 8mm (5/16") Wood screw: 6.2mm (1/4") Self-Drilling Screw: 6mm (1/4")
Driving Shank (Hex)	6.35mm (1/4")
No Load Speed (RPM)	0-2,500
Sound Power Level	94 dB(A)
Dimensions (L x W x H)	301x70x207mm (11-7/8"x2-3/4"x8-1/8")
Net Weight	1.8kg (4.0lbs)
Power Supply Cord	2.5m (8.2ft)

5

Phillips Insert Bit

### KP0800X 62mm (3-1/4") Power Planer

Angle and shape of handle are easy to grip, push and carry

**411**



Continuous Rating Input	620W
Planing Width	82 mm (3-1/4")
Planing Depth	2.5 mm (3/32")
No Load Speed (RPM)	17,000
Dimensions (L x W x H)	285x158x158mm (11-1/4"x6-1/4"x6-1/4")
Net Weight	2.8 kg (6.2 lbs)
Power Supply Cord	2.5 m (8.2 ft)

2


Blade Gauge Assembly, Guide Rule, Planer Blade, Socket Wrench, Sharpening Holder, Shipping: 9 mm (11/32")

### HM1812 28.6mm (1-1/8") Electric Breaker

Highest-in-class demolition power with AVT

**218**

110V



Continuous Rating Input	2,000W
Blows Per Minute (BPM)	870
Sound Power Level	107 dB(A)
Dimensions (L x W x H)	843x210x608mm (33-1/4"x8-1/4"x24")
Net Weight	31.3kg (69.1lbs)
Power Supply Cord	5.0m (16.4ft)

1

Bull point, Hex wrench

### FS4300 Drywall Screwdriver

Silent clutch for quiet operation

**419**



Continuous Rating Input	570W
Capacity	Drywall screw: 5mm (3/16") Self-Drilling Screw: 6mm (1/4")
Driving Shank (Hex)	6.35mm (1/4")
No Load Speed (RPM)	0-4,000
Sound Power Level	93 dB(A)
Dimensions (L x W x H)	279x65x207mm (11"x2-9/16"x8-1/8")
Net Weight	1.4kg (3.1lbs)
Power Supply Cord	2.5m (8.2ft)

5

Phillips Insert Bit (2pcs), Magnetic Bit Holder

### 3601B 12mm (1/2") Router

Fine power-to-weight ratio in this well-balanced router

**153**



Continuous Rating Input	930W
Collet Capacity	12mm or 1/2"
No Load Speed (RPM)	23,000
Overall Height	190 mm (7-1/2")
Net Weight	3.6kg (7.9lbs)
Power Supply Cord	5.0m (16.4ft)

3

Trimmer Guide Assembly, Straight Guide Assembly, Template Guide, Collet Sleeve (6mm or 1/4"), Collet Sleeve (8mm or 3/8"), Wrench (2pcs), Straight Bit (Carbide-Tipped)

### 4100NH 110mm (4-3/8") Cutter

More powerful cutting in stone, masonry, tile and concrete

**303**



Continuous Rating Input	1,300W
Blade Diameter	110 mm (4-3/8")
Max Cutting Capacity	90°: 34 mm (1-3/8")
No Load Speed (RPM)	14,500
Dimensions (L x W x H)	234x210x165 mm (9-1/4"x8-1/4"x6-1/2")
Net Weight	2.9 kg (6.5 lbs)
Power Supply Cord	2.5 m (8.2 ft)

2

Wrench, Socket Wrench (Tool does not come with diamond wheel)

### FS2500 Screwdriver

Best possible tool body for screwdriving

**419**



Continuous Rating Input	570W
Capacity	Drywall screw: 5mm (3/16") Self-Drilling Screw: 6mm (1/4")
Driving Shank (Hex)	6.35mm (1/4")
No Load Speed (RPM)	0-2,500
Sound Power Level	94 dB(A)
Dimensions (L x W x H)	280x70x207mm (11"x2-3/4"x8-1/8")
Net Weight	1.5kg (3.3lbs)
Power Supply Cord	2.5m (8.2ft)

5

Magnetic Socket Bit

### JR3070CT 32mm (1-1/4") Recipro Saw

Extra-low vibration and extra power

**303**

110V



Continuous rating input	1,510W
Length of Stroke	32 mm (1-1/4")
Strokes Per Minute (SPM)	0 - 2,800
Capacity	Pipe: 130 mm (5-1/8") Wood: 255 mm (10")
Sound Power Level	100 dB(A)
Overall Length	485 mm (19-1/8")
Net Weight	4.6 kg (10.0 lbs)
Power supply cord	2.5 m (8.2 ft)

2

Recipro Saw Blade Set

### 4114S 355mm (14") Angle Cutter

High torque delivered at low motor speed of 3,500 rpm

**204**

110V



Continuous Rating Input	2,400W
Capacity	Max cutting: 125mm (5")
Wheel Diameter	355 mm (14")
Hole Diameter	25.4mm (1")
No Load Speed (RPM)	3,500
Dimensions (L x W x H)	673x240x329mm (26-1/2"x9-1/2"x13")
Net Weight	10.8kg (23.9lbs)
Power Supply Cord	2.5m (8.2ft)

1

Wrench

### 6906 19mm (3/4") Impact Wrench

Powerful torque of 588N.m(441ft.lbs) for super-duty applications

**100**



Continuous Rating Input	850W
Capacity	Standard Bolt: M16 - M22 (5/8" - 7/8") High Tensile Bolt: M16 - M20 (5/8" - 3/4")
Square Drive	19mm (3/4")
No Load Speed (RPM)	1,700
Impacts Per Minute (IPM)	1,600
Max Fastening Torque	588 N.m (441 ft.lbs.)
Sound Power Level	109 dB(A)
Overall Length	327 mm (12-7/8")
Net Weight	5.4kg (12.3lbs)
Power Supply Cord	2.5m (8.2ft)

1

Side Grip, Socket

### 4327M Jig Saw

High power and Lightweight

**64**



Continuous Rating Input	450W
Capacity	Wood: 40 mm (1-9/16") Steel: 6 mm (1/4")
Length of Stroke	18 mm (11/16")
Strokes Per Minute (SPM)	500 - 3,100
Dimensions (L x W x H)	226x71x97mm (8-7/8"x3-7/8"x3-7/8")
Net Weight	1.8 kg (4.0 lbs.)
Power Supply Cord	2.0m (6.6ft)

5

Jig Saw Blade, Hex Wrench



# Makita Products

**4351CT**
**Jig Saw**
**720 W Barrel Handle Jig Saw, 3 Orbital Settings Plus Straight Cutting**


Continuous rating input	720W
Capacity	Wood: 135 mm (5-1/4") Steel: 10 mm (3/8")
Length of Stroke	28 mm (1")
Strokes Per Minute (SPM)	800-2,800
Dimensions (L x W x H)	271 x 73 x 187 mm (10-11/16 x 2-7/8 x 7-3/8")
Net weight	2.6 kg (5.7 lbs)
Power supply cord	2.5 m (8.2 ft)



Jig saw blade set (No. B-10, BR-13, B-22; 2 each), Hex Wrench, Cover Plate, Anti-Splintering Device

**BO3710 Finishing Sander**
**11,000 OPM for increased efficiency and smooth finish sanding**


Continuous Rating Input	190W
Pad Size	93 x 185 mm (3-5/8" x 7-1/4")
Abrasive Paper Size	93 x 228 mm (3-5/8" x 9")
Orbits Per Minute (OPM)	11,000
Strokes Per Minute (SPM)	22,000
Orbit Diameter	2.0 mm (1/16")
Dimensions (L x W x H)	253x92x154mm (10"x3-5/8"x6-1/16")
Net Weight	1.6 kg (3.5 lbs)
Power Supply Cord	2.0 m (6.6 ft)



Abrasive Paper, Punch Plate, Dust Bag or Dust Box

**LS1040 260mm (10-1/4") Compound Miter Saw**
**Robust construction for consistently accurate cuts**


Continuous Rating Input	1,650W
Max Cutting Capacity	90°: 90.5 x 95 mm (3-9/16" x 3-3/4") 45°: 90.5 x 67 mm (3-9/16" x 2-5/8")
Blade Diameter	260 mm (10-1/4")
No Load Speed (RPM)	4,600
Sound Power Level	106 dB(A)
Dimensions (L x W x H)	530x476x532mm (20-7/8" x 18-3/8" x 21")
Net Weight	12.4kg (27.3lbs)
Power Supply Cord	2.5m (8.2ft)



Carbide-tipped saw blade, Vise assembly, Dust bag, Socket wrench 13, Triangular rule, Sub plate assembly, Holder x 2

Tool does not come with saw blade

**4328**
**Jig Saw**
**450 W Top Handle Jig Saw, 3 Orbital Settings Plus Straight Cutting, Steel Plate Base**


Continuous rating input	450W
Max Cutting Capacity at 0° Wood: 65 mm (2-9/16")	
Steel: 6 mm (1/4")	
Length of Stroke	18 mm (11/16")
Strokes Per Minute (SPM)	500-1,300
Dimensions (L x W x H)	217 x 77 x 197 mm (8-1/2 x 3 x 7-3/4")
Net weight	1.8 kg (4 lbs)
Power supply cord	2.0 m (6.6 ft)



Jig Saw Blade, Hex Wrench

**BO4901**
**Finishing Sander**
**1/2 Sheet 330 W Finishing Sander**


Continuous Rating Input	330W
Pad Size	115 x 229 mm (4-1/2 x 9")
Abrasive Paper Size	115 x 280 mm (4-1/2 x 11")
Orbits Per Minute (OPM)	10,000
Overall Length	289 mm (11-3/8")
Net weight	2.8 kg (6.2 lbs)
Power supply cord	2.5 m (8.2 ft)


**UB1103 Blower**
**High output air volume**


Continuous Rating Input	600W
Air Volume	0-4.1 m³/min
Air Pressure	0-5.7 kPa (0-580 mmH <sub>2</sub> O)
No Load Speed (RPM)	0-16,000
Dimensions (L x W x H)	479x185x178mm (18-7/8" x 7-1/4" x 7")
Net Weight	2.0kg (4.3lbs)
Power Supply Cord	2.5m (8.2ft)



Nozzle Assembly Front Cuffs 24, Poly Bag Set

**4326**
**Jig Saw**
**450 W Top Handle Jig Saw**


Continuous rating input	450W
Max Cutting Capacity at 0° Wood: 65 mm (2-9/16")	
Steel: 6 mm (1/4")	
Length of Stroke	18 mm (11/16")
Strokes Per Minute (SPM)	500-1,300
Dimensions (L x W x H)	224 x 77 x 197 mm (8-7/8 x 3 x 7-3/4")
Net weight	1.9 kg (4.2 lbs)
Power supply cord	2.0 m (6.6 ft)



Jig Saw Blade, Hex Wrench

**BO5041**
**Random Orbit Sander**
**125 mm (5") 300 W Variable Speed Random Orbit Sander with Built-In Dust Extraction System**


Continuous rating input	300W
Pad Diameter	123 mm (4-7/8")
Abrasive Disc Size	125 mm (5")
Orbits Per Minute (OPM)	4,000-12,000
Dimensions (L x W x H)	218 x 123 x 153 mm (8-5/8 x 4-7/8 x 6")
Net weight	1.4 kg (3.1 lbs)
Power supply cord	2.0 m (6.6 ft)



Abrasive Disc, Dust Bag / Dust Box

**GA7020 180mm (7") Angle Grinder**
**Outstanding durability**


Continuous Rating Input	2,200W
Wheel Diameter	180 mm (7")
No Load Speed (RPM)	8,500
Sound Power Level	100 dB(A)
Dimensions	473x200x140mm (18-5/8" x 7-7/8" x 5-1/2")
Net Weight	5.5-6.06kg (12.26-13.36 lbs)
Power Supply Cord	2.5m (8.2ft)



Lock Nut Wrench, Side Grip

Tool does not come with depressed center wheel

**N5900B 235mm (9-1/4") Circular Saw**
**Bevel cuts up to 50 degrees**


Continuous Rating Input	2,000W
Blade Diameter	235 mm (9-1/4")
Max Cutting Capacity	90°: 85 mm (3-3/8") 45°: 60 mm (2-3/8") 50°: 53 mm (2-1/16")
No Load Speed (RPM)	4,100
Overall Length	380 mm (15")
Net Weight	6.8kg (14.8lbs)
Power Supply Cord	2.5m (8.2ft)



T.C. T Saw Blade, Grip, Wrench, Rip Fence

**BO6030**
**Random Orbit Sander**
**150 mm (6") 310 W Variable Speed Random Orbit Sander with Built-In Dust Extraction System**


Continuous rating input	310W
Pad Diameter	150 mm (6")
Abrasive Disc Size	150 mm (6")
Orbits Per Minute (OPM)	4,000-10,000
Orbit Diameter	3.0 mm (1/8")
Overall Length	309 mm (12-1/8")
Net weight	2.4 kg (5.2 lbs)
Power supply cord	2.5 m (8.2 ft)



Abrasive Disc, Hex Wrench, Dust Bag

**GD0602 6mm (1/4") Die Grinder**
**Compact body with short nose**


Continuous Rating Input	400W
Capacity	3.6 mm or 1/8" 1/4"
Wheel Diameter	38 mm (1-1/2")
No Load Speed (RPM)	25,000
Dimensions	264x82x82mm (10-3/8" x 3-1/4" x 3-1/4")
Net Weight	1.4kg (3.0lbs)
Power Supply Cord	2.5m (8.2ft)



Wrench (2pcs)

**BO4556 112mm x 102mm (4-3/8 x 4") Finishing Sander**
**Powerful 200W motor, low vibration, low noise**


Continuous Rating Input	200W
Pad Size	112 x 102 mm (4-3/8" x 4")
Abrasive Paper Size	114 x 140 mm (4-1/2" x 5-1/2")
Orbits Per Minute (OPM)	14,000
Dimensions (L x W x H)	131x112x141mm (5-1/8" x 4-3/8" x 5-9/16")
Net Weight	1.1kg (2.5lbs)
Power Supply Cord	2.0m (6.6ft)



Abrasive Paper, Dust Bag, Punch Plate

**LH1040**
**Table Top Miter Saw**
**260 mm (10-1/4") 1,650 W Table Top Miter Saw**


Continuous rating input	1,650W
Blade Diameter	260 mm (10-1/4")
Hole Diameter	15.88, 25.4, 30 mm (5/8, 1, 1-3/16")
Max Cutting Capacity	45°: 53 x 95 mm (2-1/16 x 3-3/4")
No Load Speed (RPM)	4,800
Dimensions (L x W x H)	530 x 476 x 535 mm (20-7/8 x 18-3/4 x 21")
Net weight	14.3 kg (31.5 lbs)
Power supply cord	2.5 m (8.2 ft)



Carbide-Tipped Saw Blade, Rip Fence, Set Plate, Holder, Blade Cover, Push Stick, Socket Wrench, Triangular Rule, Auxiliary Plate, Dust Bag

**GD0601 6mm (1/4") Die Grinder**
**Small-circumference housing for easy handling**


Continuous Rating Input	400W
Capacity	3.6 mm or 1/8" 1/4"
Wheel Diameter	38 mm (1-1/2")
No Load Speed (RPM)	25,000
Dimensions	359x82x82mm (14-1/8" x 3-1/4" x 3-1/4")
Net Weight	1.68-1.84kg (3.7-4.06 lbs)
Power Supply Cord	2.5m (8.2ft)




Wrench (2pcs)



# Makita Products

**LC1230 305mm (12") Metal Cutting Saw**

Fast cuts in light pipe, angle iron, tubing, conduit and channels



Continuous rating input	1,750W
Blade Diameter	305 mm (12")
Max Cutting Capacity	90°: 115 mm (4-1/2") 90°: 75 x 150 mm (2-15/16" x 5-7/8") 45°: 90 mm (3-1/2") 45°: 85 x 85 mm (3-5/16" x 3-5/16")
No Load Speed (RPM)	1,300
Dimensions (L x W x H)	516x306x603mm (20-1/4"x12"x23-3/4")
Net Weight	19.3kg (42.5lbs)
Power supply cord	2.5m (8.2ft)

Refer to Cutting Capacity table below

Carbide-Tipped Saw Blade (for mild steel), Socket Wrench, Safety Goggles

**ELM4620 460mm (18-1/8") Electric Lawn Mower**

1,800N 4-in-1 Electric Mower



Continuous rating input	1,800W
Cutting Width	460 mm (18-1/8")
Cutting Height	20-75mm(13/16"-2-15/16")
No Load Speed (RPM)	2,950
Recommended mowing area up to	800 m <sup>2</sup>

Blade, Wrench, Mulch Plug

**ELM3720 370mm (14-1/2") Electric Lawn Mower**

Stays upright for easy maintenance and cleaning




Continuous rating input	1,400W
Cutting Width	370 mm (14-1/2")
Cutting Height	20-55mm(13/16"-2-3/16")
No Load Speed (RPM)	3,400
Recommended mowing area up to	500 m <sup>2</sup>

Blade, Wrench

**UH4861 Hedge Trimmer**

48 cm (18-7/8") 400 W Hedge Trimmer



Continuous rating input	400W
Blade Length	480 mm (18-7/8")
Strokes Per Minute (SPM)	3,200
Dimensions (L x W x H)	871 x 194 x 194 mm (34-1/4 x 7-5/8 x 7-5/8")
Net weight	3 kg (6.6 lbs.)
Power supply cord	0.3 m (0.98 ft)

Blade Cover, Hook, Cord holder complete set



# DeWalt Products

## 20V MAX 1.5AH HAMMER DRILL DRIVER

**DCD776S2**

Voltage	20V Max
Battery Capacity	1.5 Ah
Max. Torque (Hard)	42 Nm
Max. Torque (Soft)	24 Nm
No Load Speed	0-450 / 1800 rpm
Beats Per Minute	0-7650 / 25500 bpm
Chuck Capacity	1.5-13 mm
Max. Drilling Capacity (Wood/Metal/Masonry)	30/13/13 mm
Weight (Bare Tool)	1.7 kg
Length x Height	228 x 191 mm



ALSO AVAILABLE AS:  
**DCD776S2A (WITH 100 PCS ACCESSORY KIT)**

## 10MM ROTARY DRILL WITH KEYLESS CHUCK, 701W

**DWD112S**

Power Input	701W
Chuck Capacity	10 mm
No Load Speed	0-2500 rpm
Max. Torque	10.9 Nm
Max. Drilling Capacity (Wood)	25 mm
Max. Drilling Capacity (Metal)	10 mm
Weight	1.8 Kg
Length x Height	230 x 190 mm



## 20V MAX 5.0AH PREMIUM BRUSHLESS HAMMER DRILL DRIVER

**DCD996P2**

Voltage	20V Max
Battery Capacity	5.0 Ah
Max. Torque (Hard)	95 Nm
Max. Torque (Soft)	66 Nm
No Load Speed	0-450/1300/2000 rpm
Beats Per Minute	0-8600/25500/38250 bpm
Chuck Capacity	1.5-13 mm
Max. Drilling Capacity (Wood/Metal/Masonry)	55/15/16 mm
Weight (Bare Tool)	2.2 kg
Length x Height	213 x 208 mm



ALSO AVAILABLE AS:  
**DCD996NT (With T Stack Box)**

## 10MM VSR DRILL, 550W (MADE IN INDIA)

**DWD014**

Power Input	550W
Chuck Capacity	10 mm
No Load Speed	0-2800 rpm
Max. Drilling Capacity (Wood)	10 mm
Max. Drilling Capacity (Metal)	28 mm
Weight	1.3 Kg
Length x Height	215 x 170 mm



## 12V 2.0AH CORDLESS DRILL DRIVER.

**DCD710D2**

Voltage	12V Max
Battery Capacity	2.0 Ah
Max. Torque (Soft / Hard)	15 / 24 Nm
No Load Speed	0-400 / 1500 rpm
Chuck Capacity	1-10 mm
Max. Drilling Capacity (Wood / Metal)	20 / 10 mm
Weight (Bare Tool)	1.1 kg
Length x Height	185 x 195 mm



## 1/2" HEAVY DUTY IMPACT WRENCH, 440NM

**DW292**

Power Input	710W
Max. Torque	440 Nm
No Load Speed	2200 rpm
Impacts Per Minute	2700 ipm
Weight	3.2 Kg
Length x Height	292 x 216 mm



## 10W 3/4" IMPACT WRENCH

**DV294**

Power Input	710W
Max. Torque	440 Nm
No Load Speed	2200 rpm
Impacts Per Minute	2700 ipm
Weight	3.2 kg
Length x Height	292 x 216 mm



## DW088K - XJ CROSS LINE LASER LEVEL - RED

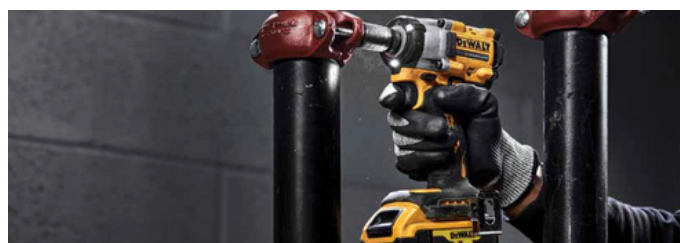


- Projected Lines: Vertical, Horizontal or Cross line.
- Magnetic pivoting base with 1/4" thread. Rear mounted magnets allow flush attachment to metal track and steel.
- Battery Life Indicator.

## 13MM IMPACT DRILL, 750W (MADE IN INDIA)

**DWD024**

Power Input	750W
Chuck Capacity	13 mm
No Load Speed	0-2800 rpm
Blows Per Minute	0-47600 bpm
Max. Drilling Capacity (Wood)	25 mm
Max. Drilling Capacity (Metal)	13 mm
Max. Drilling Capacity (Concrete)	16 mm
Weight	1.82 Kg
Length x Height	255 x 180 mm

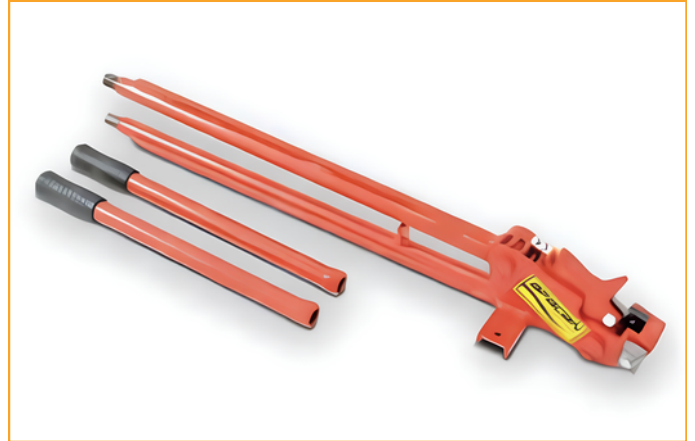


# Afacan Products

**20 MM BAR BENDING KEY**



**18 MM PORTABLE REBAR CUTTER**



**32 MM REBAR CUTTER**



**B36 REBAR BENDING MACHINE**



**H36 HYDRAULIC REBAR CUTTER**



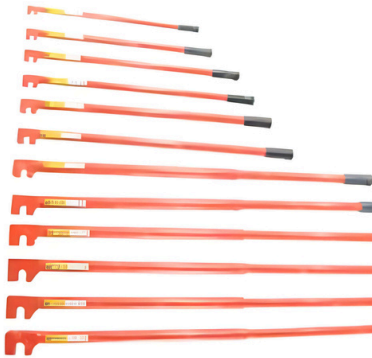
**B42 REBAR BENDING MACHINE**





# Afacan Products

## HAND SCROLL BENDING TOOL



### Product

### Code

10mm	00353
12mm	00354
14mm	00355
18mm	00357
20mm	00358
22mm	00359
24mm	00360
26mm	00361
28mm	00362
30mm	00363

## HAND SHEAR BAR CUTTER



### Product

### Code

22mm	00370
------	-------

## BOLT CLIPPERS



### Product

### Code

10mm	00366
12mm	00367
14mm	00368
16mm	00369

## MANUAL SCROLL BENDING MACHINE



### Product

### Code

10mm	00372
12mm	00373
14mm	00374
16mm	00375



# Aluminum Level

## ECOLINE 689 ALUMINUM

Product	Code
40 cm	04073
50 cm	
60 cm	00224
80 cm	00225
100 cm	00226
120 cm	04533
150 cm	00227
200 cm	00228



## EURO STAR 690EM ALUMINUM MAGNETIC

Product	Code
40 cm	05107
50 cm	05108
60 cm	05108
80 cm	05109
100 cm	05111



# GMS Products



# Construction Tools



# Construction Tools



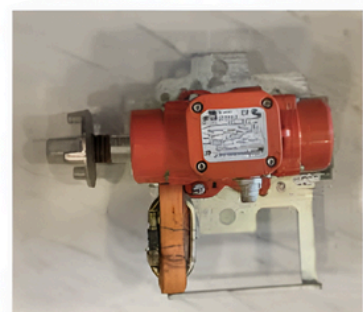


# Construction Tools





# Construction Tools



## Şener Products



### **Pulling Winch**

Lifting capacity: 500 kg  
Motor power: 5.5 HP  
Steel rope length: 100 Mt  
Steel rope diameter: 8 mm  
Lifting speed: 70 m/min  
Number of buckets: 2



### **Vibrator 220 Volt**

Motor power: 1 HP  
Hose length: 4 Meters  
Vibration head diameter: 35 mm  
Machine weight: 5 kg  
Hose weight: 9 kg



### **Vibrator 220 Volt**

Motor power: 2 HP  
Hose length: 4 - 5 - 6 Meters  
Vibration head diameter: 40 - 45 - 50 mm  
Machine weight: 6 kg  
Hose weight: 11 kg



### **Refining Machine 120 cm**

Motor power: 5.5 HP  
Polishing diameter: 120 cm  
Chassis bagel: 130 cm  
Weight: 126 kg



### **Refining Machine 90 cm**

Motor power: 5.5 HP  
Polishing diameter: 90 cm  
Chassis bagel: 100 cm  
Weight: 126 kg

## Şener Products



### Refining Machine 70 cm

Motor power: 5.5 HP

Polishing diameter: 70 cm

Chassis bagel: 75 cm

Weight: 126 kg



### Concrete Cutting Machine 10 cm

Motor power: 6.5 HP

Cutting depth: 10 cm

Blade size: 350 mm

Walking system: Manual

Weight: 140 kg



### Concrete Cutting Machine 15 cm

Engine power: 13 HP

Cutting depth: 15 cm

Blade size: 450 mm

Walking system: Manual

Weight: 200 kg



### Concrete Cutting Machine 20 cm

Engine power: 13 HP

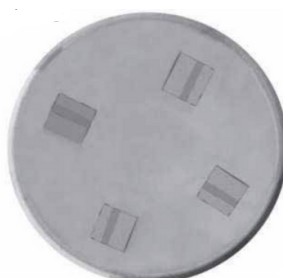
Cutting depth: 20 cm

Cutter size: 350-500 mm

Walking system: Manual and semi-automatic

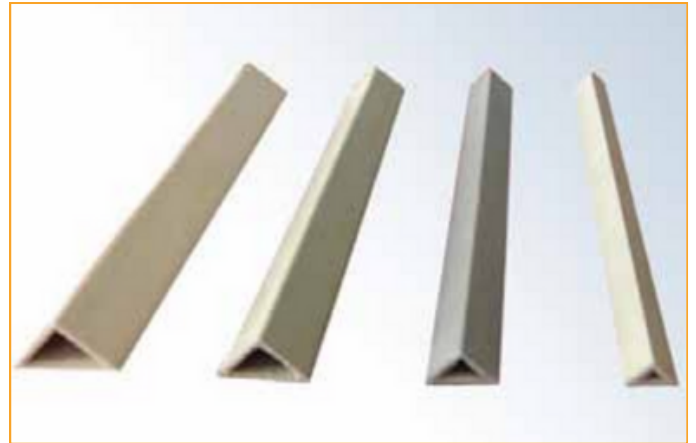
Weight: 180 kg

### Other Products



## Other Products

**Mold**



**Tie Rod PVC Cone**



**Separator tube for mold tubes**



**Pipe connecting rod**



**Cork with nail**





# ■ Electrical Connection

**Deep Vault**



**Tunnel Case**



**Ceiling Wedge**



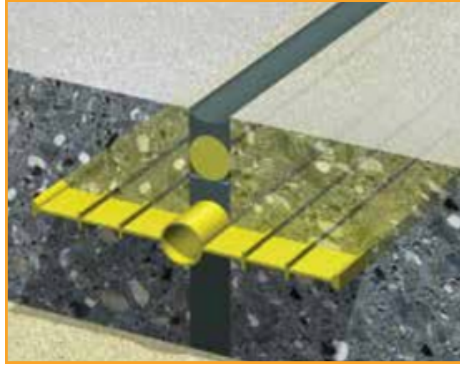
**Electric Pipe**





## Other Products

**Water Stop**



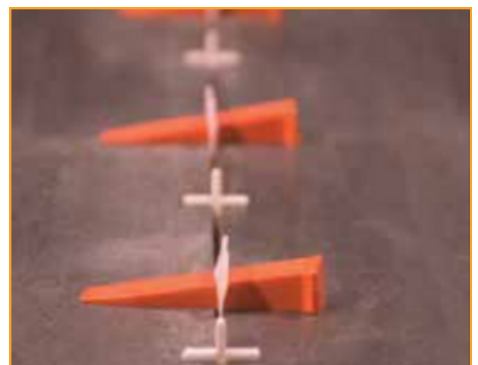
**Tile spacer**



**Cracks Cover**



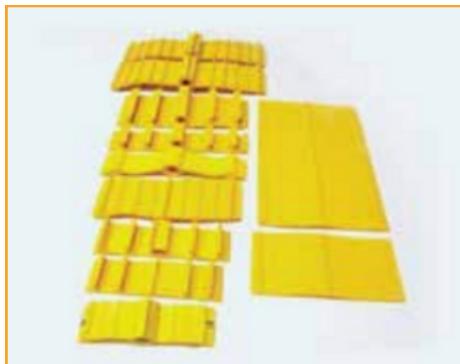
**Tile leveler**



**Tile spacer**



**Water Stop**



**Safety Cover**



## Other Products

### Nails



Product	Code
6 CM CONSTRUCTION NAIL	00418
10 CM CONSTRUCTION NAIL	00419
7 CM CONSTRUCTION NAIL	03451
11X30 WIRE NAIL HEAD	00420
5X80 CONCRETE NOL	00422
5X100 CONCRETE NOL	00423
3X30 CONCRETE MIDDLE PACKED	00424
7 CM ROOFING GLUE	04506

### Mould Lock



Product	Code
CIROZ GALVANIZED	00342
CIROZ MACHINE	00344

### Plastic Molds for Concrete



Product	Code
COMPOSITE CONCRETE CUP SAMPLE MOLD 150*150*150 MM	00449

### Mold Release Oil



Product	Code
MOLD RELEASE OIL	01043
BC MOLD RELEASE OIL CONCENTRATED	01044

## Other Products

### Core Drill Bits



Product	Code
CORE BIT 76MM 7 DIAMOND 11/4 UNC V-CONNECTION	01015
RAPID SERIES CORE BIT 71 MM 6 DIAMOND 11/4 UNC	01016
CORE BIT 102 MM 9 DIAMOND DKT	01017
CORE BIT 127 MM 11 DIAMOND DKT	01018
CORE BIT 152 MM 13 DIAMOND DKT	01019
CORE BIT 63 MM 6 DIAMOND DKT	01020
CORE BIT (HILTI) 62/450 H4S	01622
CORE BIT (HILTI)-B 122/430	01623
CORE EXTENSION ADAPTER 20 Cm	01806
CORE BIT 25 Mm	01870
CORE BIT 52/430+PL	01875
CORE BIT 20 Mm	02852
CORE BIT 89 Mm	03054
CORE BIT 63 Mm	03055
CORE DRILLING MACHINE	03088
CORE BIT 51 MM H* CORE BIT 5"	03089
CORE DRILLING MACHINE TWO SPEED	03162
CORE BIT 1.5"	03199
CORE BIT 27 Mm	03282
CORE BIT 8"	03289
CORE BIT 6"	03345
CORE BIT 2"	03346
CORE BIT 1.5"	03816
CORE BIT 32 Mm	03817
CORE BIT 200MM	03866
	03981

### Metal Bar



Product	Code
BAG WIRE BLACK	00421
BAG WIRE WHITE 1.2MM	00936
BAG WIRE WHITE 2MM	03851

## Other Products

### Hand Saw



Product	Code
BAG SAW WOLF TOOTH	01428
BAG SAW THIN TOOTH	01429
SAW 45 CM	01430
SAW 50 CM	01431
BLUE SAW 50 CM	01424

### Laminate Hand Saw



Product	Code
GAS CONCRETE BLADE SAW 50	01426
HARD TIP GAS CONCRETE SAW	01427

### Hacksaw



Product	Code
SKU IRON STEEL	03977

### Tie Rod Tube



Product	Code
TIE - ROD PIPE	00045
TIE - ROD PIPE HEAD	00046
SAFETY PROTECTION HEAD 10-18	00475
SAFETY PROTECTION HEAD 18-32	00476



## Other Products

### Elevation Fittings



Product	Code
STUD 4CM CERAMIC MECHANICAL SYSTEM	02880
STUD 6CM CERAMIC MECHANICAL SYSTEM	02596
STUD 8CM CERAMIC MECHANICAL SYSTEM	05073
PIM CERAMIC MECHANICAL SYSTEM	03002
FLAT PIN CERAMIC MECHANICAL SYSTEM	05074
ANKA 2CM CERAMIC MECHANICAL SYSTEM	03137
ANKA 4CM CERAMIC MECHANICAL SYSTEM	03138
ANKA 6CM CERAMIC MECHANICAL SYSTEM	03935
L BAYRAK CERAMIC MECHANICAL SYSTEM	03517
U PROFILE CERAMIC MECHANICAL SYSTEM	03518

### Spacer



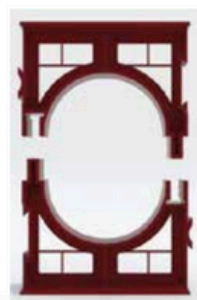
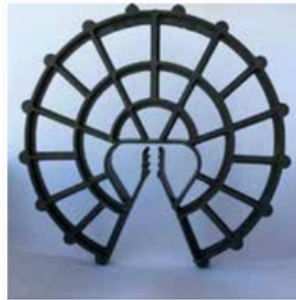
Product	Code
CURTAIN TYPE SPACE 40/12-16	00047
CURTAIN TYPE SPACE 30/8-12	00048
BORED PILE SPACER 50/8-12	00049
CURTAIN TYPE SPARE 50/8-16	00050
CURTAIN TYPE SPACE 25/6-14	00051
NORM MEDICAL SPACER 75/20-32	00052
NORM MEDICAL SPACER 50/8-24	00053
NORM MEDICAL SPACER 40/8-24	00054
NORM MEDICAL SPACER 30/8-24	00055
NORM MEDICAL SPACER 25/8-24	00056
CEMBER MEDICAL SPACE 15*150	03678

### Mould Lock

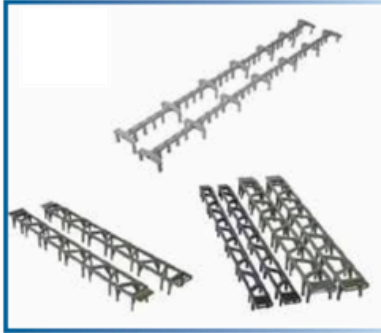


Product	Code
TIE - AXIAL SHAFT 17x1200	00345
TIE - AXIAL SHAFT 17x1500	00346
TIE - AXIAL SHAFT 17x2000	00347
TIE - AXIAL SHAFT 17x6000	00348
TIE - AXIAL MIRROR	00349
TIE - AXIAL NUT 17x70	00350
TIE - AXIAL NUT 17x90	00351

## ■ Spacers & Covers



## ■ Spacers & Covers



# Concrete Spacers

Pieces in a bag	Thickness	Shape	Code
500	15mm, 20 mm		H15-20
500	20 mm, 25mm		H20-25
350	25mm,30mm		H25-30S
200	20 mm, 25mm		H20-25 A
150	20 mm, 25mm		H20-25 B
200	30 mm, 35mm, 40mm		H30-35-40
200	25mm, 30 mm		H25-30

8000	150	35mm - 50mm		H35-40-45-50
8000	150	50mm		H50P
5250	60	50mm		H50CU
10000	60	50mm		H50W
7000	70	75mm		H75P
5250	40	75mm		H75A
4750	20	75mm		H75B

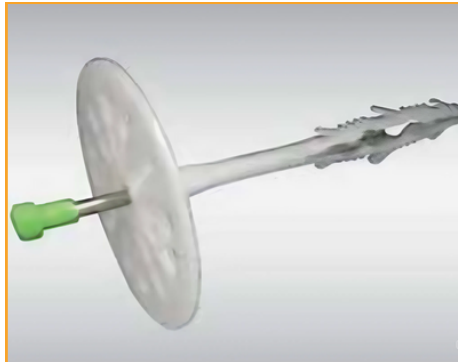


# ISITAŞ Products

**FKD-S Exterior  
Thermal Insulation Board**



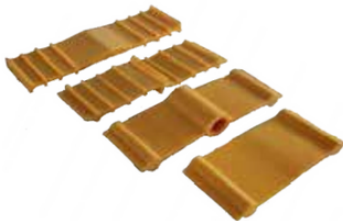
**Euro Dowel with  
Steel Nail (ETICS)**



**Drainage Board  
Code 00443**



## Waterproofing



Product	Code
Water retaining tape AK 20	00477
Water retaining tape D 32	00478
Water retaining tape O AK 22	01907
Water retaining tape 24	02075

## Grout Seal



Product	Code
POLYETHYLENE JOINT FILLER ROD 15 MM	01021
POLYETHYLENE JOINT FILLER ROD 20 MM	01022
POLYETHYLENE JOINT FILLER ROD 30 MM	01023
POLYETHYLENE JOINT FILLER ROD 50 MM	02469

## ISITAŞ Products

### Insulation Hanger Pin



Product	Code
Insulation nail 4 cm	01024
Insulation nail 6 cm	01025
Insulation nail 10 cm	01026

### Geotex Tiles




Product	Code
150 gr White	00417
200 gr White	00435
250 gr White	01721
300 gr White	03108
350 gr White	03437
800 gr White	03934
150 gr Grey	02579
200 gr Grey	02580
250 gr Grey	03245


# Duyar Products

## FAYANS ALETLERİ / PLASTER TOOLS

### DUVARCI MALASI PLASTİK SAPLI

Ürünler	Ürün kodu
	
18 cm yay çeliği	168
20 cm yay çeliği	169


### TAMİR MALASI PLASTİK VE AHŞAP SAPLI

Ürünler	Ürün kodu
	
14 cm ahşap sap yay çeliği	320
14 cm plastik sap yay çeliği	321


### GAZBETON MALASI PLASTİK VE AHŞAP SAPLI

Ürünler	Ürün kodu
	
22 cm ahşap sap yay çeliği	323
22 cm plastik sap yay çeliği	324


### SIVA SERPME MAKİNASI

Ürünler	Ürün kodu
	
serpme makinesi çelikli	001
serpme makinesi lastikli	002

### SERPME MAKİNASI YEDEK ÇELİK


Ürünler	Ürün kodu
	
serpme makinesi yedek çelik	004

### SERPME MAKİNASI YEDEK LASTİK

Ürünler	Ürün kodu
	
serpme makinesi yedek lastik	005

## FAYANS ALETLERİ / TILER TOOLS


### SERAMİK MALASI AÇIK PLASTİK SAPLI KARE DİŞ

Ürünler	Ürün kodu
	
30 cm 10 x 10 diş yay çeliği	130
35 cm 10 x 10 diş yay çeliği	131
40 cm 10 x 10 diş yay çeliği	132
30 cm 8 x 8 diş yay çeliği	060
35 cm 8 x 8 diş yay çeliği	061
40 cm 8 x 8 diş yay çeliği	062
30 cm 6 x 6 diş yay çeliği	064
35 cm 6 x 6 diş yay çeliği	065
40 cm 6 x 6 diş yay çeliği	066
30 cm 4 x 4 diş yay çeliği	068
35 cm 4 x 4 diş yay çeliği	069
40 cm 4 x 4 diş yay çeliği	070


### SERAMİK MALASI KAPALI PLASTİK SAPLI KARE VE ÜÇGEN DİŞ

Ürünler	Ürün kodu
	
30 cm 10 x 10 diş yay çeliği	188
40 cm 10 x 10 diş yay çeliği	189
50 cm 10 x 10 diş yay çeliği	190
30 cm 8 x 8 diş yay çeliği	173
40 cm 8 x 8 diş yay çeliği	174
50 cm 8 x 8 diş yay çeliği	175
30 cm 6 x 6 diş yay çeliği	176
40 cm 6 x 6 diş yay çeliği	177
50 cm 6 x 6 diş yay çeliği	178
30 cm 4 x 4 diş yay çeliği	179
40 cm 4 x 4 diş yay çeliği	180
50 cm 4 x 4 diş yay çeliği	181
30 cm üçgen yay çeliği	185
40 cm üçgen yay çeliği	186
50 cm üçgen yay çeliği	187


### SERAMİK İSPATULA PLASTİK SAP KARE DİŞ

Ürünler	Ürün kodu
	
30 cm 8 x 8 yay çeliği	077


### SERAMİK MALASI AÇIK PLASTİK SAPLI ÜÇGEN DİŞ

Ürünler	Ürün kodu
	
30 cm üçgen yay çeliği	094
35 cm üçgen yay çeliği	095
40 cm üçgen yay çeliği	096


### SERAMİK KÜREĞİ KARE DİŞ

Ürünler	Ürün kodu
	
35 x 24 cm 8 x 8 yay çeliği	030


### FAYANS TARAĞI PLASTİK SAPLI

Ürünler	Ürün kodu
	
17 cm 8 x 8 yay çeliği	041
22 cm 8 x 8 yay çeliği	042
17 cm 6 x 6 yay çeliği	043
22 cm 6 x 6 yay çeliği	044
17 cm 4 x 4 yay çeliği	045
22 cm 4 x 4 yay çeliği	046
17 cm üçgen yay çeliği	049
22 cm üçgen yay çeliği	050

### DERZ MALASI KAÜÇUKLU

Ürünler	Ürün kodu
	
11 x 27 cm kısa kauçuklu	119
11 x 38 cm uzun kauçuklu	120

### DERZ MALASI EKSTRA

Ürünler	Ürün kodu
	
11 x 25 cm derz malası	110

# Duyar Products

## DERZ TEMİZLEYİCİ AHAŞAP SAP

Ürünler	Ürün kodu
20 cm derz temizleyici	315
25 cm derz temizleyici	316

## LASTİK TOKMAK SARI

Ürünler	Ürün kodu
400 gr lastik tokmak sarı	330
500 gr lastik tokmak sarı	331
600 gr lastik tokmak sarı	332
700 gr lastik tokmak sarı	333

## LASTİK TOKMAK SİYAH

Ürünler	Ürün kodu
400 gr lastik tokmak siyah	140
500 gr lastik tokmak siyah	141
600 gr lastik tokmak siyah	142
700 gr lastik tokmak siyah	143

## DİSK ALTI

Ürünler	Ürün kodu
180 Ø disk altı	011
115 Ø disk altı	012

## FAYANS TARAĞI PLASTİK KARE DİŞ

Ürünler	Ürün kodu
19 x 20 cm fayans tarağı	018

## ALÇI ALETLERİ / GYPSUM PLASTER TOOLS

### ALÇI MALASI PLASTİK AÇIK SAPLI

Ürünler	Ürün kodu
30 cm yay çeliği	034
35 cm yay çeliği	035
40 cm yay çeliği	036
30 cm paslanmaz çelik	401
35 cm paslanmaz çelik	402

### ALÇI MALASI PLASTİK AÇIK SAPLI

Ürünler	Ürün kodu
30 cm yay çeliği	191
40 cm yay çeliği	192
50 cm yay çeliği	193
30 cm paslanmaz çelik	404
40 cm paslanmaz çelik	405
50 cm paslanmaz çelik	406

### EĞRİ SAPLI İSPATULA PLASTİK SAPLI

Ürünler	Ürün kodu
20 cm yay çeliği	121
25 cm yay çeliği	122
30 cm yay çeliği	123
35 cm yay çeliği	124

## EĞRİ SAPLI İSPATULA AHAŞAP SAPLI

Ürünler	Ürün kodu
20 cm yay çeliği	325
25 cm yay çeliği	326
30 cm yay çeliği	327
40 cm yay çeliği	328
50 cm yay çeliği	329

## ALÇI KÜREĞİ

Ürünler	Ürün kodu
30 x 24 cm yay çeliği	040

## ALÇI SİSTRE

Ürünler	Ürün kodu
30 cm paslanmaz çelik	109

## KAUÇUKLU MALA KÜÇÜK GÖZENEKLİ

Ürünler	Ürün kodu
14 x 26 cm kauçuk mala	345

## KAUÇUKLU MALA BÜYÜK GÖZENEKLİ

Ürünler	Ürün kodu
14 x 28 cm kauçuk mala	117

## ZIMPARA MALASI SABİT SAPLI

Ürünler	Ürün kodu
90 x 23 cm sabit saplı	317

## ZIMPARA MALASI OYNAR KOLLU

Ürünler	Ürün kodu
90 x 23 cm oynar kollu	318





# Duyar Products

## BOYACI ALETLERİ / PAINTING TOOLS

### DUYARPLUS SATEN RULO



Ürünler	Ürün kodu
20 cm saten rulo	602
25 cm saten rulo	603
20 cm rulo yedek	607
25 cm rulo yedek	608

### DUYARPLUS SATEN PARMAK RULO



Ürünler	Ürün kodu
10 cm parmak rulo	630
10 cm rulo yedek 10 lu paket	631

### INSIDE İÇ CEPHE RULO



Ürünler	Ürün kodu
20 cm iç cephe rulo	612
25 cm iç cephe rulo	613
20 cm rulo yedek	617
25 cm rulo yedek	618

### EXTERNAL DIŞ CEPHE RULO



Ürünler	Ürün kodu
20 cm dış cephe rulo	622
25 cm dış cephe rulo	623
20 cm rulo yedek	627
25 cm rulo yedek	628

### MACUN ISPATULA AHŞAP SAPLI



Ürünler	Ürün kodu
6 cm yay çeliği	301
8 cm yay çeliği	302
9 cm yay çeliği	303
10 cm yay çeliği	304
11 cm yay çeliği	305
12 cm yay çeliği	306
14 cm yay çeliği	307
16 cm yay çeliği	308
18 cm yay çeliği	309

### ÜÇGEN DİŞ ISPATULA PLASTİK SAPLI



Ürünler	Ürün kodu
10 cm yay çeliği	078

### MACUN ISPATULA PLASTİK SAPLI



Ürünler	Ürün kodu
5 cm yay çeliği	080
6 cm yay çeliği	081
8 cm yay çeliği	082
9 cm yay çeliği	083
10 cm yay çeliği	084
11 cm yay çeliği	085
12 cm yay çeliği	086
14 cm yay çeliği	087
16 cm yay çeliği	088
18 cm yay çeliği	089

### SIRIK ISPATULA SAP TAKILABİLİR



Ürünler	Ürün kodu
10 cm yay çeliği	171
12 cm yay çeliği	172
14 cm yay çeliği	365
16 cm yay çeliği	366
18 cm yay çeliği	367

### OTO ISPATULASI 4 LÜ TAKIM



Ürünler	Ürün kodu
4 lü takım yay çeliği	051

### MACUN KÜREĞİ PLASTİK SAPLI



Ürünler	Ürün kodu
18 cm yay çeliği	055
20 cm yay çeliği	056

### MACUN KÜREĞİ AHŞAP SAPLI



Ürünler	Ürün kodu
16 cm yay çeliği	370
18 cm yay çeliği	371
20 cm yay çeliği	372

### KAZIMA RASPASI



Ürünler	Ürün kodu
20 x 10 cm yay çeliği	360
20 x 20 cm yay çeliği	361

### GENİŞ ISPATULA PLASTİK SAPLI



Ürünler	Ürün kodu
17 cm yay çeliği	058
22 cm yay çeliği	059

# Duyar Products

## OTO MACUN ÇELİĞİ

Ürünler	Ürün kodu
16 cm yay çeliği	052
25 cm yay çeliği	053

## ÇELİK SİSTRE

Ürünler	Ürün kodu
15 x 6 cm yay çeliği	054

## BOYA KARIŞTIRICI

Ürünler	Ürün kodu
60 Ø altigen uç	145
80 Ø altigen uç	146
100 Ø altigen uç	147
80 Ø SDS uç	355
100 Ø SDS uç	356
120 Ø SDS uç	357

## DOLGU MALASI

Ürünler	Ürün kodu
dolgu malası	144

## SIVACI ALETLERİ / PLASTERER TOOLS

### TIRFIL MALA SABİT SAP

Ürünler	Ürün kodu
12 x 22 cm kısa kauçuklu	007
10 x 37 cm uzun kauçuklu	008

### TIRFIL MALA GEÇME SAP

Ürünler	Ürün kodu
12 x 22 cm kısa kauçuklu	075
10 x 37 cm uzun kauçuklu	076

### SIVACI KÜREĞİ

Ürünler	Ürün kodu
35 x 43 cm sıvacı küreği	013

### SÜNGERLİ MALA

Ürünler	Ürün kodu
16 x 30 cm süngerli mala	113

### KALE TERASİT MALA

Ürünler	Ürün kodu
27 x 12 cm kale terasit	017

## SERPME KÜREĞİ

Ürünler	Ürün kodu
21.5 x 20 x 40 cm serpme küreği	340

## ELASTİK KOVA

Ürünler	Ürün kodu
15 lt elastik kova	350

## SIVA VE ALÇI TEKNESİ

Ürünler	Ürün kodu
35 lt tekne	038
52 lt tekne	039

## ŞAP MALASI PLASTİK SAPLI

Ürünler	Ürün kodu
9.5 x 55 cm yay çeliği	112

## ŞAP MALASI KAPALI SAPLI

Ürünler	Ürün kodu
9.5 x 60 cm yay çeliği	352

## SIVA MALASI PLASTİK SAPLI

Ürünler	Ürün kodu
16 cm yay çeliği	158
18 cm yay çeliği	159
20 cm yay çeliği	160
22 cm yay çeliği	161
24 cm yay çeliği	162
26 cm yay çeliği	163

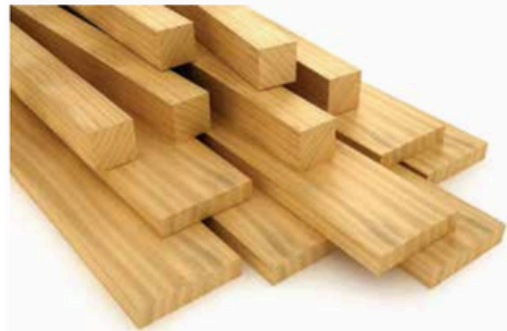
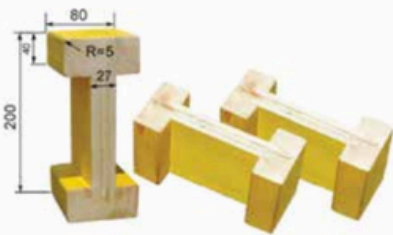
## SIVA MALASI AHŞAP SAPLI

Ürünler	Ürün kodu
16 cm yay çeliği	151
18 cm yay çeliği	152
20 cm yay çeliği	153
22 cm yay çeliği	154
24 cm yay çeliği	155
26 cm yay çeliği	156

## DUVARCI MALASI AHŞAP SAPLI

Ürünler	Ürün kodu
18 cm yay çeliği	165
20 cm yay çeliği	166

## Formwork & scaffolding



## Formwork & scaffolding

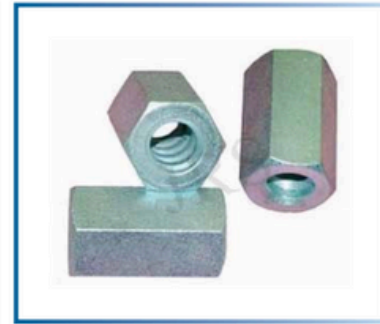




## Formwork & scaffolding



## Formwork & scaffolding



## Formwork & scaffolding





# Formwork & scaffolding

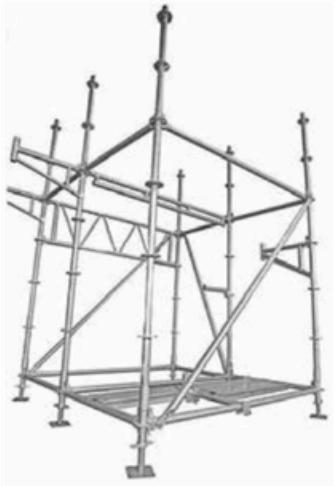




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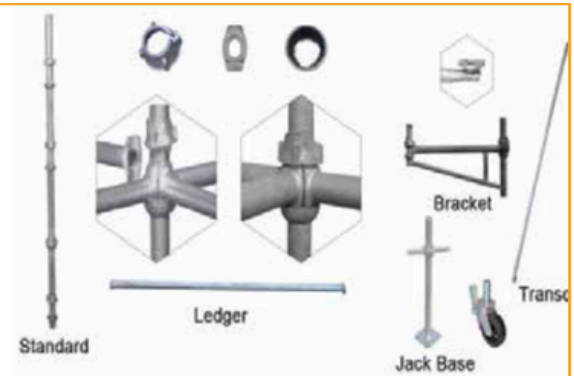


# Formwork & scaffolding





# Formwork & scaffolding

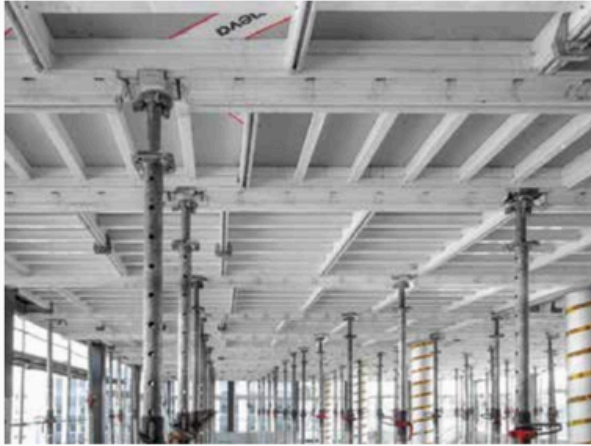


## Formwork & scaffolding

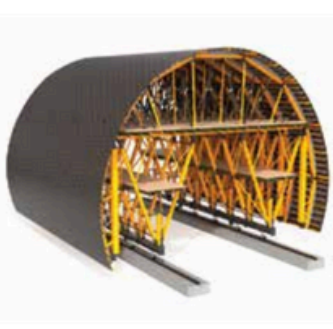




# Formwork & scaffolding



# Formwork & scaffolding





# Column Formwork

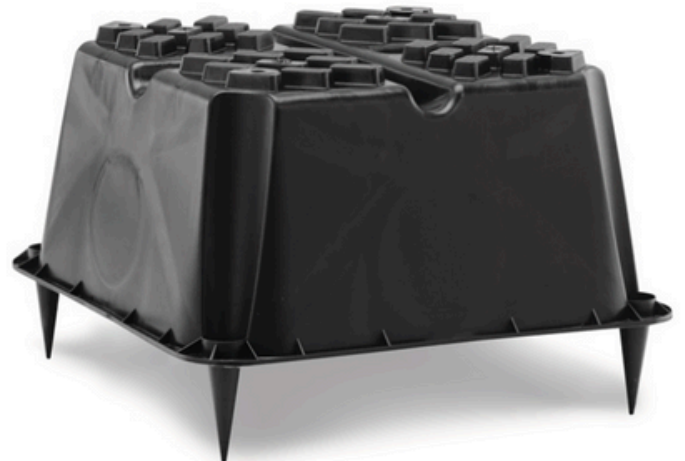


# Lifts & Tower Cranes





# Waffle Slab



# Caps, Shoes & Boots

ESSAFE BARET VİDALI



ÜRÜN KODU : 00005

ESSAFE BARET VİDALI



ÜRÜN KODU : 00007

ESSAFE BARET VİDALI



CODE : 3188



CODE : 3187

FOSTER AYAKKABI 406



CODE : 0405

FOSTER AYAKKABI 700  
ALASKA S2



CODE : 0406

ESSAFE BARET



CODE : 0002

ESSAFE BARET



CODE : 0003

FOSTER AYAKKABI 500  
YARIM BOT



CODE : 3021

FOSTER AYAKKABI 700  
ALASKA S1 YARIM BOT



CODE : 3012

ESSAFE BARET



CODE : 0004

ESSAFE BARET



CODE : 2091

FOSTER AYAKKABI S3  
DERİ BOT



CODE : 4398

FOSTER ASKER BOTU



CODE : 5125

ESSAFE BARET



CODE : 3188

ESSAFE BARET



CODE : 3189

GEZER ÇİZME  
ÇELİK BURUNLU



CODE : 2986

GEZER ÇİZME  
UZUN KONÇ



CODE : 2990

# Gloves, Jackets & Coveralls

NİTRİL K1



CODE : 0409

NİTRİL K2



CODE : 0408

FOSFORLU SARI  
PARKA MONT

CODE : 1356

TRAFİK İKAZ YELEĞİ  
SARI - TURUNCU

CODE : 0606

NİTRİL K6



CODE : 0412

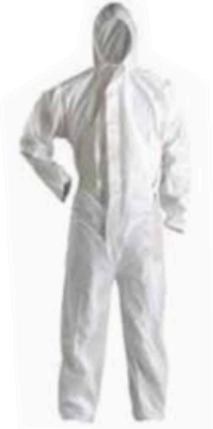
NİTRİL ÖRME K7



CODE : 0410

MÜHENDİS YELEĞİ  
SARI

CODE : 0714

TEK KULLANIMLIK TULUM  
BEYAZ

CODE : 3480

NİTRİL TEK ÖRME K7 SİYAH



CODE : 0411

KORUN TURUNCU



CODE : 0413

MÜHENDİS YELEĞİ  
TURUNCU

CODE : 3733

EKONOMİK



CODE : 0414

USTA İŞ



CODE : 0415

YAĞMURLUK TAKIM  
LACİVERT

CODE: 0633

KAYNAKÇI ELDİVENİ



CODE : 1550

ARGON ELDİVENİ



CODE : 4532

YAĞMURLUK TAKIM  
SARI

CODE: 1035

# Safety Products

BEL TİPİ



CODE: 0609

PARAŞÜT TİPİ  
BEL DESTEKLİ



CODE : 4560

EMNİYET ALAN PERDESİ



CODE: 1287

BAŞ TİPİ



CODE : 0001

EL TİPİ



Esnek Şerit Ayırıcı Delinatör  
750mm



CODE: T2501

Esnek Şerit /  
300mm



TOZ MASKESİ FFP2



CODE: OK

KULAK TIKACI TURUNCU



CODE : OK

Esnek Şerit Ayırıcı Delinatör  
450mm



CODE: T2502

Şerit Ayırıcı  
Esnek Delin  
750mm



BARETE TAKILABİLİR  
KULAKLIK



CODE: OK

SİPERLİK



CODE :OK

Şerit Ayırıcı Tabanlı  
Esnek Delinatör  
450mm



CODE: T2504

Kırılmaz Tra  
500 mm (Re



CROSS 602  
SEFFAF GÖZLÜK



CODE: OK

CROSS 602  
FÜME GÖZLÜK



CODE : OK

Kırılmaz Trafik Konisi  
750 mm (Reflektifli)



CODE: T5004

Flaşörlü Uyg  
Sarı





# Safety Products

Dubalı Uyarı Dikmesi  
(Mıcır Tabanlı)



CODE : T6001

Dubalı Uyarı Dikmesi-ince  
(Mıcır Tabanlı)



CODE : T6003

İleriden Sola Mecburi Yön



CODE : T2910

Dikkat (çift taraflı)



CODE : T2805

Yüksek Etkili  
Hız Sınırlayıcı Kasis  
Sarı



CODE : T9020

Yüksek Etkili Hız Sınırlayıcı  
Kasis Kapağı  
Sarı



CODE : T9021

Yolda Çalışma Var (çift taraflı)



CODE : T2807

Uyarı Levhası (boş)



CODE : T2900

Park Yasak  
(Çift Taraflı)



CODE : T2901

Sola Mecburi Yön  
(Çift Taraflı)



CODE : T2902



Girişi Olmayan Yol



CODE : T2904

Sağa Mecburi Yön  
(Çift Taraflı)



CODE : T2903

Flaşörlü Uyarı Lambası  
Kırm



CODE : T8502

Plastik Trafik Zinciri  
( Kırmızı – Beyaz )



CODE : T3110









## Redwing Products

<p>redwing men bot</p>  <p>CODE: 234</p>	<p>redwing hiker men bot</p>  <p>CODE : 502</p>
<p>redwing men bot</p>  <p>CODE : 231</p>	<p>redwing men bot</p>  <p>CODE : 241</p>
<p>redwing oxford men</p>  <p>CODE: 281</p>	<p>redwina men waterproof</p>  <p>CODE : 415</p>

<p>redwing tulum turuncu</p>  <p>CODE :145</p>	<p>redwing tulum mavi</p>  <p>CODE : 1620</p>
<p>redwing mont</p>  <p>CODE : 9007</p>	<p>redwing tulum</p>  <p>CODE : 0690</p>

## Coverguard Products

 <p>CODE: 82a</p>	 <p>CODE : 31a</p>
 <p>CODE : 42a</p>	 <p>CODE : 66a</p>
 <p>CODE: 46a</p>	 <p>CODE : 47a</p>

<p>coverguard men bot</p>  <p>CODE : FREH</p>	<p>coverguard men bot</p>  <p>CODE : FREL</p>
<p>coverguard men uzun bot</p>  <p>CODE: PLAT</p>	<p>coverguard men uzun bot</p>  <p>CODE: PYRO</p>

## Knauf Products

**Cam yünü Earthwool 040**  
Code: 00427



**Cam yünü Earthwool 044**  
Code: 03452



**Tas yünü 50X600X10000**  
Code: 00474



**Klima kanali yalitim board**  
Code: 04897



**Klima kanali yalitim board**  
Code: 04897



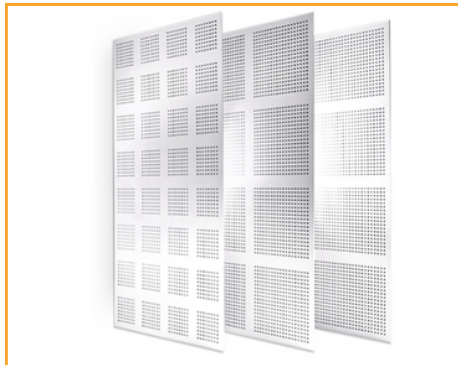
**Teras çatı yalitimi DDP - U**  
Code: 04899



**Flex Gypsum Borad (FX)**



**Cleaneo Acoustic  
Gypsum Board  
(Block Squar Perforation)**



**Direct Hanger**





# Knauf Products

**AQUAPANEL® Floor**



**Vidipan Floor**



**Ceiling C Channel**



**AQUAPANEL® Tyvek®  
Water Barrier 1,5 m**



**Jetcement indoor**



**Fuga Gips / joint filler**





# ■ Polybit Products

## Bituminous Memberanes waterproofing



## Acrylic Coatings



## Cement Slurries



## Waterproofing - Others



## Sealing Joint Sealants



## Concrete Repair



## Auxiliaries



## Fortifiers



## Tiling Adhesives



# Polybit Products

## Tiling Grouts



## Levelling Compounds



## Universal Flooring Adhesives



## Specialised Adhesives



## Wood Flooring Adhesives



## Industrial Flooring



## Flooring - Others



## Interior Finishing Universal Primers



# ■ Mantosiva Products

## **Mantosiva®EXB (Thermal Plaster)**

**Mantosiva®EXB (Thermal Plaster)** is a boron-based thermal plaster system. It is made from inorganic materials, and the molecules in its structure, thanks to boron, break and disperse heat waves due to the refractive (reflective) property of the material, providing effective thermal insulation. As a result, it does not lose its properties at high temperatures, prevents fire spread, and inhibits ignition.

**Mantosiva®EXB (Thermal Plaster)** is lightweight due to the presence of thousands of natural air bubbles, both open and closed, in its structure. It has a unique sound-absorbing property, absorbing and neutralizing high-frequency and impact sounds, providing insulation. Thanks to its stable chemical structure, it does not undergo chemical reactions, is neutral, and does not decompose in water or develop mold. It does not cause corrosion or rust and is not susceptible to degradation by microorganisms.

### **Advantages**

- Keeps your home or workplace warm in winter and cool in summer.
- Provides up to 50% savings on heating and cooling costs.
- 100% natural, made from sterile and natural materials, harmless to the environment and human health.
- A next-generation ecological insulation system that provides thermal, water, sound, and fire insulation with a single product.
- Lightweight, reduces building load.
- Highly breathable, allowing the surface to "breathe."
- Insulates your building without breaking or drilling, using a single product with no mesh or dowels.
- Its monolithic application structure prevents heat bridges.
- Easy to apply, saving on labor and time.
- Mantosiva gives an aesthetic and modern appearance to the surfaces it is applied to.

### **Surfaces It Can Be Applied To**

It can be applied to all types of old and new buildings, including surfaces such as raw concrete, Ytong, brick, pumice brick, and similar mineral-based plastered surfaces. Before applying to painted surfaces, it is recommended to first apply Mantosiva Universal primer.

# Mantosiva Products

## Mantosiva®EXB (Thermal Plaster)

Essential Characteristics	Performance	Method of test
Thermal Conductivity, $\lambda_{10dry}$ (W/m.K)	T1 ( $\leq 0,1$ W/m. K) / 0,056	EN 1745, Chart A1/ EN 1745, Item 4.2.2
Reaction To Fire	A1 (F90 ( Minutes 90 )	EN 13501 - 1
Adhesion strength (after 28 days)	(FP)B / 0,2 - 1,5 N/mm <sup>2</sup>	EN 1015 - 12 (N/mm <sup>2</sup> and fracture pattern (FP) A,B or C
Compressive strength (after 28 days)	CS I / 0,4 - 2,5 N/mm <sup>2</sup>	EN 1015 - 11*
Capillary Water Absorption	W1 / $c \leq 0,40$ kg/m <sup>2</sup> . min 0,5	EN 1015 - 18
Water vapour permeability ( $\mu$ )	$\leq 15$ (7.35 $\mu$ )	EN 1015 -19 a,b
Dry bulk density (kg/m <sup>3</sup> )	400 kg/m <sup>3</sup> $\pm$ 15 kg	EN 1015 - 10
Wet unit density	800 kg/m <sup>3</sup> $\pm$ 15	EN 1015 - 10
Sound insulation dB	23dB/ 20 db/(3cm/500hz)	EN ISO 10140-2
Joule test	12 (damaged at 2 joule level)	EN 13497

Color/ appearance	White /Granule
Packaging shape	15 kg $\pm$ 2% / Kraft Bag
Pallet packing shape	72 pieces / pallet / 12 rows stacking / 1.080 Kg
Consumption amount	4 Kg $\pm$ 15 / 10 mm for thickness
First Drying time	8 Hours ( at 23°C, 50% Relative Humidity )
Full drying time	36 Hours ( at 23°C, 50% Relative Humidity )
Drying Time for Testing	28 days at 23°C, 50% Relative Humidity )
Application Temperature	to be applied at +5 / +35°C
Application Duration (Pot Life)	4 Hours ( at 23°C, 50% Relative Humidity )
Applicable Thickness	Minimum 10mm, maximum 100mm. Recommended thickness values.
Shelf Life	18 months in dry conditions

Typical values are obtained from the test results of 4x4x16 mortar prism in 23°C and 50% relative humidity conditions. High temperatures shortens the curing and working time, lower temperatures extends the durations.





# Mantosiva Products

## Mantosiva®INT

Essential Characteristics	Performance	Method of test
Thermal Conductivity, $\lambda$ 10dry, (W/m.K)	T1 ( $\leq 0,1$ W/m. K)/0,099	EN 1745, Chart A1/ EN 1745, Item 4.2.2
Reaction To Fire	A1 (F90 ( Minutes 90 )	EN 13501 - 1
Adhesion strength(after 28 days)	(FP)B / 0,2 - 1,5 N/mm <sup>2</sup>	EN 1015 - 12 (N/mm <sup>2</sup> and fracture pattern (FP) A,B or C
Compressive strength (after 28 days)	CS II / 1,5 - 5 N/mm <sup>2</sup>	EN 1015 - 11*
Capillary Water Absorption	W0	EN 1015 - 18
Water vapour permeability ( $\mu$ )	$\leq 15$ (7.35 $\mu$ )	EN 1015 -19 a,b
Dry bulk density (kg/m <sup>3</sup> )	500 kg/m <sup>3</sup> $\pm$ 15 kg	EN 1015 - 10
Sound insulation dB	23dB/ 20 db/(3cm/500hz)	EN ISO 10140-2
Joule test	12 (damaged at 2 joule level)	EN 13497

Color/ appearance	White /Granule
Packaging shape	20 kg $\pm$ 2%/ Kraft Bag
Pallet packing shape	72 pieces / pallet / 12 rows stacking/1.440 Kg
Consumption amount	5,5 Kg $\pm$ 15/10 mm for thickness
First Drying time	8 Hours ( at 23°C, 50% Relative Humidity )
Full drying time	36 Hours ( at 23°C, 50% Relative Humidity )
Drying Time for Testing	28 days at 23°C, 50% Relative Humidity )
Application Temperature	to be applied at +5 /+35°C
Application Duration (Pot Life)	4 Hours ( at 23°C, 50% Relative Humidity )
Applicable Thickness	Minimum 10mm, maximum 100mm. Recommended thickness values.
Shelf Life	18 months in dry conditions

Typical values are obtained from the test results of 4x4x16 mortar prism in 23°C and 50% relative humidity conditions. High temperatures shortens the curing and working time, lower temperatures extends the durations.

### Storage conditions

When stored in a dry non-humid place, the storage life is 18 months from the date of manufacture. A maximum of 14 product containers can be placed on top of each other during storage.

### Product Safety

Mantosiva®INT is a 100% natural and environmentally friendly product. It does not have an alkaline reaction. Make sure to use a dust mask and take the necessary work safety precautions while mixing, as the product will create dust.



## Other Products



# ■ Our Branches



## **Main Branch:**

Iraq – Erbil – 60 Street, opposite to Silo  
+964 750 436 9959  
+964 750 966 2006  
+964 771 002 5432

## **Second Branch:**

Iraq – Kirkuk – Atlas Street  
+964 770 023 7782  
+964 750 860 5706

## **Third Branch:**

Iraq – Baghdad – Basrah Street  
+964 770 436 9959  
+964 771 303 4786  
+964 781 692 1953

## **Fourth Branch:**

Iraq – Mosul – Al-Faisaliah, Al-Fahameen Roundabout  
+964 773 004 2344  
+964 772 839 3465

## **Fifth Branch:**

Iraq – Mosul – Right Side  
+964 771 002 5385  
+964 750 927 8200



"Feel free to  
reach out: call,  
visit, or message  
us anytime."





RASAN ALMUMAYAZ COMPANY  
for General Trading and Contracting

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## Visit Our Website

www.rasangroup.co

