

# Super-Mastic

## Powerful fixing, waterproofing and sanitary sealant, multipurpose and professional



**Super-Mastic** is a professional and ultra-performing MS polymer sealant used in construction and industry. Due to its great versatility you can easily fix, bond, repair, waterproof and make flexible joints (except on PE and PP).

**Super-Mastic** can make an ultra powerful bonding of all kinds of materials on almost all surfaces like wood, glass, metal, insulation materials, ceramics, stone, concrete, plastics, PVC, EPDM, etc, even underwater. **Super-Mastic** is particularly indicate to realize sanitary and waterproofing joints for passive and low carbon emissions constructions and can be overpainted.

**Super-Mastic** is eco-friendly because its doesn't contain any solvent, formaldehyde, iso-cyanates, plastifying components, silicone and can be used in the food industry (ISEGA).

To make perfect joints and for the cleansing of tools and uncured stains of sealants, you can use **Ultra-Cleaner** as a finisher product. All surfaces must be free of grease and dust before use.

Cartridge 290 ml

## Main applications for Super-Mastic :

- Bonding of expanded and extruded polystyrene insulation pannels, glass wool, mineral wool and polyurethane boards. **Super-Mastic** doesn't dissolve or attack polystyrene.
- Bonding of natural insulation pannels like wood wool, hemp wool, flax and cork boards
- Bonding of baseboards, wainscots, laths, rafters, beams
- Bonding of metals, zinc, copper, aluminium, lead, gutters, fiasca boards
- Bonding of iron, steel, stainless steel, galvanized and other metal parts in construction
- Bonding of mirrors without to dammage the silvering, bonding and joints of glasses, windows, and glass bricks
- Bonding of wool, wood pannels and boards, OSB panels, floor slabs, floor coverings, floorboards, parquets
- Bonding and joints of window sills, door sills, roof edges, terraces
- Bonding of carpeting, plastics, synthetic materials, polycarbonate boards, polyester and carbon fibers, etc.
- Bonding and joints for aquariums, even underwater
- Bonding and joints for marble, granite, stones, natural stones, funerary monuments, inside and outside
- Bonding and joints on ceramics, tilings, kitchen counters
- Adhesion on bricks, concrete, cellular concrete, plasterboards, porous materials
- Bonding of plasterboards (Placoplatre) or lining plates
- Long-lasting and high quality waterproofing sealant, remains flexible for polycarbonate panels, fibro-cement, roof tiles, ridge tiles, ducts, chimneys
- Filling cracks in walls, floors, slabs, masonry
- Low-energy construction joints for passive houses, airproofing joints
- Expansion joints in floors and walls
- Repairs of water leaks for gutters, roofing joints, pipes, conduits
- Sanitary sealant for joints in kitchen and bathroom for showers, toilets, bathtubs, sinks, washbasins, bidets, etc.
- Waterproofing and bonding sealant in industry : cars, trailers, motor home, bodywork, caravans, trucks, 4WD vehicules, motorbikes, vans, pickup
- Bonding in the timber and furniture industry, doors and windows
- Waterproofing for boat building. Suitable for a marine use
- Very good acoustical vibrations absorption

- Bonding and assembly of decks and structures of boats
- Windows and verandas, perfect grouting of angles on synthetic materials and ideal bonding on aluminium profiles
- Joint of masonry between windows and concrete or brick walls
- Bonding and PVC or EPDM liners joints, waterproofing of natural pools, natural bassins and ponds
- Waterproofing and bonding of PVC-metal-galvanized pipes, tubes and ducts
- Waterproofing and joints concrete, metal or PVC tanks, reservoirs and containers
- Waterproofing of electric cable sheaths. Bonding of metal or PVC cable ducts
- Facade and roofing joints and bonding, even on wet surfaces, including sanitary
- Safe for acrylate materials (bathtubs, etc.) or other synthetic materials
- Safe for marble or granite, and doesn't impregnate natural stones
- Good adhesion on painted surfaces
- Could be overpainted with water based or 2 K paints
- Bonding of shoe soles, repairs of heels of shoes
- Not suitable for polyethylene (PE) and polypropylene (PP)

#### **Technical information of Super-Mastic :**

- Can be used for underwater applications or on wet surfaces
- UV, weather, mold and bacteria resistant, antifungal
- Good adhesion on most materials (except Teflon) without any primer. Medium or bad adhesion on polypropylene (PP), polyethylene (PE and PEHD), silicone or bituminous supports
- Do not corrode synthetic materials
- Free of solvents and isocyanates
- Odorless
- Free of silicone, plasticizers or solvents
- Free of VOC, class A.
- Non toxic, can be used directly in contact with foodstuffs
- Do not shrink
- High absorption to acoustic vibrations and remains flexible

- Time saving in comparison with mechanical fastening
- High chemical resistance when cured.
- Resistant to salt water
- Base : MS polymer
- High tensile strength : 260 N/cm<sup>2</sup> - 26 kg/cm<sup>2</sup>
- Perfect airtightness, perfect for passive constructions and low-energy houses
- Easy to apply and to smooth
- Can be overpainted with almost all paintings
- Indoor and outdoor uses
- Certificates : - EN 15651-1 : F-EXT-INT-CC 25HM
- - EN 15651-4 : PW-EXT-INT-CC 25HM
- - EN 15651-3 : XS3
- - Emicode EC1 Plus
- - Emission Certificate M1
- - ISEGA Food Grated : can be used for the food industry
- - A+ (Eurofins ISO 16000)
- Easy to apply with pneumatic gun (4 bars/ 3 mm/ 23°C) : 150 g/min.
- Skin formation (23°C 50% H.R.) : 10 minutes
- Curing (23°C 50% H.R.) : 3 mm /24 h
- 100 % modulus : 1,32 MPa N/mm<sup>2</sup>
- Hardness : 58 Shore A
- Temperature resistance : - 40°C to + 90°C.
- Application temperature : +5°C to +40°C
- Density : 1,58 g/ml
- Elongation at break : 400 %
- Movement absorption : 25 %
- Flow resistance ISO 7390 : <2 mm
- Cartridge 290 ml
- Shelf life : 18 months between +5°C et +25°C in a cool dry place
- Always read the safety data sheet (SDS) before use
- Chemical resistance
  - good : water, sea water, aliphatic solvents, oils, greases, diluted organic acids, lyes
  - medium : esters, ketones, aromatics
  - bad : chlorine of swimming pools, chlorinated solvents, concentrated acids

## Instructions of use of Super-Mastic :

- Always apply on a clean and dust free surface. **Super-Mastic** can be applied on a wet surface
- Clean and degrease the surface to be bonded with **Ultra-Cleaner** or **Power Foam** or **Bio-Clean** to remove all organic dirt or large surfaces
- Spray **Ultra-Cleaner** on surfaces and wipe with a dry and clean cloth until to obtain a dry surface
- Repeat the treatment if necessary on very dirty surfaces
- Allow to completely dry **Ultra-Cleaner** before to apply the sealant
- Spray **Ultra-Cleaner** on a spatula or a silicone squeegee, or directly on the joint with a very few quantity of product to perfectly smooth all joints, without any risk of mould growth
- On porous materials, better use **Bio-Clean** (instead of **Ultra-Cleaner**) to clean, finish and smooth all joints made with **Super-Mastic**
- Clean uncurrred **Super-Mastic** smudges or residues from your tools, spatulas, stained clothes with **Ultra-Cleaner** or **Ultra-Wipes** or your hands if you have forgotten to wear gloves
- Don't apply on difficult materials like, PP, PE, silicones, PTFE, bituminous surfaces due to the risk of very low adhesion
- Reinforce porous or friable surfaces
- Use **Power Gun** caulkgun for a better flow and less effort
- For stronger bonding, apply vertical lines of sealant instead of pads
- For the bonding of very heavy objects without any risk of slippery of vertical surfaces and with a high initial tack, better use **Ultra-Mastic**
- Not suitable for sealing swimming pools due to chlorine
- Don't use **Ultra-Cleaner** for aquariums and natural ponds due to solvents but **Bio-Clean** for cleaning and to smooth all joints of **Super-Mastic** (always rinse with clear water after use)
- Use the **Primer Pro** primer to improve the adhesion of sensitive or low adherence materials

## Packaging :

Article Nr	Product	Packaging	Content	Unit	Packing	Colour RAL
784045	Super-Mastic White	cartridge	290	ml	12	9010
784052	Super-Mastic Light Grey	cartridge	290	ml	12	7035
784069	Super-Mastic Black	cartridge	290	ml	12	9005
784046	Super-Mastic Beige	cartridge	290	ml	12	1015
	Super-Mastic Brown (on demand)	cartridge	290	ml	12	8014
784083	Super-Mastic Transparent	cartridge	290	ml	12	/
	Super-Mastic Oak (on demand)	cartridge	290	ml	12	1011
	Super-Mastic concrete Grey (on demand)	cartridge	290	ml	12	7004
	Super-Mastic Windows Grey (on demand)	cartridge	290	ml	12	7040
	Super-Mastic Anthracite Grey (sur demand)	cartridge	290	ml	12	7016

## Related products of Super-Mastic :

- **Power Gun** : Powerful sealant and silicone professional caulk gun for seals with rotative body
- **Bio-Wipes** Recycled and eco-friendly cleaning wipes for grease, lubricants, dirt, painting, sealants all surfaces
- **Ultra-Mastic** : Ultra powerful sealant for extreme bonding and fixing, professional, outdoor
- **Silicon Pro** : Super-elastic waterproofing sealant for sanitary seals, swimming pools, constructions, glazing, natural stones, multipurpose
- **Ultra-Cleaner** Ultra-power cleaner and degreaser for automotive, bikes, motorbikes, industry and building
- **Bio-Clean** Biodegradable cleaner for automotive, bicycles, motorbikes, mechanics, building and industry
- **Power Foam** Powerful ready to use foam cleaner, all surfaces

## Safety instructions and conditions of use of products - Liability

All given information of product sheets are established under our current knowledge and are indicated as approximate datas and should not be considered as exhaustive. Products are subject to modification without any prior information which could lead to variations of applications and performances. Always use the latest updated technical sheet. We are not responsible for any damage or loss due to information or errors in that document which are in any way not a guarantee.

Considering the large quantity of materials and supports, application methods different for each use, storage and transportation conditions which are totally out of our control, we are not liable for any damage or loss, directly or indirectly caused by the use of our products.

We strongly recommend the user to make prior testings to make sure the product is suitable for the intended application or use.

Always wearing individual safety protection equipments when using our products like gloves, long sleeves, full covering clothes, glasses, masks, etc.

The user is also informed to read the latest Safety Sheet before using our products concerning all safety instructions which are on the packaging of the product.

Always keep out of the reach of children and store products in a locked storage area.

Avoid any chemical contact during pregnancy or while nursing for the safety and the health of the baby to avoid foetal malformations.

If swallowed, immediately call a doctor or the hospital or the closest poison with the packaging of the product and/or the Safety Sheet of the product.

In case of allergy, inhalation or contact of the eyes with the product, rinse cautiously with water for several minutes or remove person to fresh air and keep comfortable for breathing and in case of emergency, contact a doctor or the hospital or the closest poison with the packaging of the product and/or the Safety Sheet of the product. Do not breath spray. Use only outdoor or in a well ventilated area.

Avoid any release to the environment. Eliminate the content and the container in the specific collection of your city in accordance with local/regional/national regulations. Harmful to aquatic life with long lasting effects.

No smoking. Keep container tightly closed. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source to avoid any burn or fire. Protect from sunlight. Store in a cool and well-ventilated place.

Safety Data Sheet on request

Iseole Sarl 23, rue du Vignoble – 68610 Lautenbach - France Tel : +33 6 38 03 05 68

Web : <https://lookanik.com>

Mail : [iseole@orange.fr](mailto:iseole@orange.fr)

RCS Colmar Sarl - capital 7500 euros N° Siret : 790 173 405 00024 APE :4619B VAT intracommun. FR 83 790173405

© Iseole Sarl All rights reserved. Any copy or reproduction of any part of this document is strictly forbidden without the written authorization of Iseole Sarl company