

Ultra-Mastic

Ultra powerful sealant for extreme bonding and fixing, professional, outdoor, 290 ml



Ultra-Mastic allows an immediate bonding of heavy loads and all your extreme assemblies on vertical surfaces (walls, panels...), ceilings and roofs, even underwater without to move from the place you have placed them. So, you don't need any kind of support like screws, clamp, forestay, batten to maintain your object at the right place during the drying time.

Ultra-Mastic is a super powerful MS polymer sealant for all your extreme bonding and assemblies. Bonds all kinds of materials : stone, concrete, mirrors, glass, plaster, PU, PVC, hard synthetics, EPDM, polystyrene, enamel, ceramics, copper, lead, zinc, tin, aluminium, metals, alloys and stainless steel, except on PE and PP.

You can finish all joints and clean all uncured stains of surfaces and tools with **Ultra-Cleaner**. All surfaces must be free of grease and dust before use. Because of the thickness of the paste, use a professional caulk gun like **Power Gun**.

Cartridge 290 ml

Main applications for Ultra-Mastic :

- For walls bonding of bricks, concrete, plaster, cladding stones
- Facade and roofing bonding, even on wet surfaces
- Bonding of glasses, windows and verandas, perfect grouting of angles on synthetic materials and ideal bonding on aluminium profiles
- Bonding of mirrors without to damage the silvering without to underpin
- Bonding of ceiling panels : insulation boards, wood, polyurethane, PVC, etc.
- Window and door frames in coated, painted or anodized aluminium, wood, PVC, parts of masonry
- Long-lasting and high quality sealant, remains flexible for fibrocement, polycarbonate panels, roof tiles, ridge tiles, ducts, chimneys, roofing edges, handrail, fascia boards.

- Repairs of heavy objects unsticked from their supports
- Replace welding points, bolts and nuts, screws, nails, rivets, etc
- Bonding of baseboards on non-flat and curved walls or on deformed supports
- Bonding of roof tilings, tilings, ceramics, terracotta, including vertical bonding
- Bonding of very heavy parts on ceiling or on walls without to slip
- Bonding of expanded and extruded polystyrene insulation panels, glass wool, mineral wool and polyurethane boards without to underpin. **Ultra-Mastic** doesn't dissolve or attack polystyrene.
- Bonding of natural insulation panels like wood wool, hemp wool, flax and cork boards without to underpin
- Bonding of wainscots, laths, rafters, beams, stringers
- Bonding of roofing parts, metals, zinc, copper, aluminium, lead, gutters, fascia board
- Bonding of iron, steel, stainless steel, galvanized and other metal parts in construction
- Bonding of wood, wood panels and boards, OSB panels, floor slabs, floor coverings, floorboards, parquets
- Bonding of window sills, door sills, roof edges, terraces
- Bonding on glass bricks on walls
- Bonding of carpeting, plastics, synthetic materials, polycarbonate boards, polyester and carbon fibers, etc.
- Bonding and assembly for boat building, decks and structures of boats. Suitable for a marine use
- Bonding for aquariums, even underwater
- Bonding for marble, granite, natural stones, funerary monuments, stones, inside and outside
- Bonding and joints on ceramics, tilings, kitchen counters
- Waterproofing of electric cable sheaths. Bonding of metal or PVC cable ducts
- Adhesion on bricks, concrete, cellular concrete, plasterboards, porous materials
- Bonding of plasterboards (Placoplatre) or lining plates
- Good adhesion on painted surfaces
- Could be overpainted with water based or 2 K paints
- Not suitable for polyethylene (PE) and polypropylene (PP)
- Safe for acrylate materials (bathtubs, etc.) or other synthetic materials
- Safe for marble or granite, and doesn't impregnate natural stones
- Bonding of PVC-metal-galvanized pipes, tubes and ducts
- Bonding sealant in industry : cars, trailers, motor home, bodywork, caravans, trucks, 4WD vehicles, motorbikes, vans, pickup
- Bonding in the timber and furniture industry, doors and windows

Technical information of Ultra-Mastic :

- Ultra-power and fast MS polymer assembly sealant.
- Very high tack initial adhesion
- Needs no assembly or forestay to maintain bonding objects during the curing time, even for walls and ceilings
- Ultra-powerful bonding for structural assemblies without screws or nails
- Time saving in comparison with mechanical fastening
- Allow to superimpose several layers of sealant up to 40 mm
- Keep its elasticity, does not shrink
- High absorption to acoustic vibrations and remains flexible
- 100% waterproof assemblies
- UV, weather, mold and bacteria resistant, antifungal
- Can be used for underwater applications or on wet surfaces
- Perfectly suitable for vertical bondings
- 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
- Vibrations and shocks resistant
- V nozzle for a perfect application
- Free of solvents, silicone, plasticizers and isocyanates
- Free of VOC, class A.
- Odorless, can be used indoor
- Do not corrode synthetic materials
- High chemical resistance when cured.
- Resistant to salt water
- Base : MS polymer
- Viscosity : very pasty
- High tensile strength : 280 N/cm² -t 28 kg/cm²
- Perfect airtightness, perfect for passive constructions and low-energy houses
- Can be overpainted with almost all water-based or 2K paintings
- Indoor and outdoor uses
- Certificates : - Emission EC1 Plus
- - Emission Certificate M1
- Easy to apply with pneumatic gun (4 bars/ 3 mm/ 23°C) : 20 g/min.
- Skin formation (23°C 50% H.R.) : 15 minutes
- Curing (23°C 50% H.R.) : 3 mm /24 h
- 100 % modulus : 1,39 MPa N/mm²
- Hardness : 65 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
- Frost resistance during transport :to -15°C
- High chemical resistance when cured :
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
- Non toxic, free of solvents
- Cartridge 290 ml
- Shelf life : 18 months between +5°C and +25°C in a cool dry place
- Always read the safety data sheet (SDS) before use

Instructions of use of Ultra-Mastic :

- Don't cut the nozzle since it has a special V pre-cut to obtain the right dosage of sealant
- Place the nozzle vertical and perpendicularly to the surface. In case of cold temperatures, let the cartridge a few minutes in a bucket of hot water to liquefy the product
- Always apply on a clean and dust free surface. **Ultra-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 **Ultra-Mastic**
- Clean uncurried **Ultra-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**
- For vertical bondings, only make vertical lines of sealant in order to evacuate the humidity due to condensation
- Strongly press on the bonding objects until to obtain a optimal thickness of sealant of 2 to 3 mm
- 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 **Ultra-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	Name	Packaging	Content	Unit	Packing	Colour RAL
784090	Ultra-Mastic White	cartridge	290	ml	12	9010
651404	Power Gun	bag	1	pièce	10	

Related products of Ultra-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
- **Super-Mastic** : Powerful fixing, waterproofing and sanitary sealant, multipurpose and professional
- **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

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