

UltraHold Max

TRANSPARENT

MS Adhesive & Sealant High Tack

COD.FICHA:	FT-390001-I
Nº EDICIÓN:	02
Nº REVISIÓN:	03
FECHA VIGOR:	05/21

Description:

UltraHold Max is a sealant adhesive of new technology based on high performance **MS polymers** with good instant grip properties, single component, high modulus suitable for sealing and bonding of most substrates used in the construction industry, shipbuilding, automotive, etc.. Remains elastic after cure. Resistant to aging, weather, UV, temperature and ozone good performance against chemical agents. Good resistance to water, aliphatic solvents, diluted inorganic acids and alkalis, oils and fats. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Technical data:

Composition:	MS polymers
Packing:	Boxes of 12 cartridges of 290 ml.
Appearance:	Thixotropic paste
Colour:	Transparent

Properties:	Value:	Units:	Standard:
FRESH PRODUCT			
Specific Gravity:	1.05-1,07	g/cm ³	UNE-EN 542
Skim formation time (23°C y 50% h.r.)	15 – 30	min.	I.M.
Curing rate (23°C y 50% h.r.)	2 – 3	mm/24h	I.M.
Application temperature	+5 to +40	°C	---

CURED PRODUCT			
Hardness	55 ± 3	ShA	DIN 53505
Tensile strength	2.0 – 2.2	Mpa.	DIN 53504
Elasticity Modulus 100%	1.0 – 1.2	Mpa.	DIN 53504
Elongation at break	250 ± 50	%	DIN 53504
Service temperature range	De -50 a +150	°C	---

Source: Laboratory tests.

Description:

- Extra Fast curing.
- Does not need primers.
- It does not smell.
- Excellent Multimaterial Adhesion.
- Remains elastic after curing.
- Excellent adhesion and chemical resistance.
- Good adhesion on wet surfaces.
- Bonding even under water.
- Paintable with proper elastic paints.
- Free of isocyanates, silicones and solvents.
- Excellent weather resistance.
- Excellent resistance to UV radiation.
- Chemically neutral.

Uses and applications:

Especially suitable for: Sealing and bonding in metal buildings, bodies, etc ..., sealing concrete joints with little movement, setting tiles, prefabricated buildings (houses, offices, ... etc..). Suitable for all types of materials such as concrete, brick, marble, tiles, ceramics, cement, galvanized steel, iron, aluminum, wood, etc It is recommended that adhesion tests on any material known by the user.

Certifications:

- CE marking: **EN 15651-1 F-EXT-INT**
- **A+** certificate, product with very low emissions of volatile organic compounds according to the ISO 16000 standard

Instructions for use:

To achieve perfect adhesion to the substrate, the surfaces must be clean and free of dust, grease, oils, pollution, oxides, etc. For this purpose, on certain occasions, in addition to a mechanical treatment, it is recommended to clean with organic solvents (alcohol, acetone or MEK). Place the nozzle on the cartridge and cut it to the desired width, press the product with the application gun to perfectly cover the entire joint, spread with a spatula moistened with soapy water. Joints that are too deep must be filled with filling material, TECNOJUNTA, preventing the sealant from adhering to the bottom.

For joints that must be subjected to great stress, the use of a suitable primer is recommended:

- PRIMER 200: On porous substrates such as concrete, mortar, brick, etc ... and general use in construction.
- PRIMER 300: On non-porous substrates such as metals and plastics. (See technical information).

Any substrate not known to the user from the point of view of adhesion must be tested previously or consult our Technical Department.

In gluing applications, apply the product on one of the surfaces to be joined, forming beads or dots depending on the dimensions of the pieces.

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It is paintable, but considering the great diversity of varnishes and paints, it is recommended to do a previous test.

Board information:

The joint dimension must be calculated to support movement of the sealant.

As a general rule, the minimum width of the joint should be at least 5 times greater than the expected movement, this minimum width being 5-6 mm. As for depth, what is indicated in the following table will be taken into account:

Joint width (mm)	5-6	7-9	10-12	12-15
Joint depth (mm)	5	7	10	12

For joint widths greater than 16 mm, the depth should be equal to half the width. The joint must have an extension between 5 mm and 35 mm.

In expansion joints on floors or facades, the width to depth ratio will be 2:1, with a minimum sealing depth of 10 mm. In this case, the use of joint bottoms made of non-stick material such as our product TECNOJUNTA is recommended, limiting the depth and avoiding 3-sided sealing.

Consumption, performance:

By applying the following equation you will directly obtain approximately the yield in linear meters for a cartridge of the product.

$$L = V / (A \times P)$$

V: cartridge volume (ml)

A: joint width (mm)

P: joint depth (mm)

L: Sealing length in meters

For a meeting of 5 mm. wide x 5 mm deep with a single cartridge with a content of 300 ml. we could seal on 12 m. joint linear.

Security and hygiene:

Avoid contact with eyes and mucous membranes.
For further information, please request safety data sheet.

Storage:

Keep in a cool, dry, well ventilated between +5 to +25 °C, away from sources of heat and humidity.
Shelf life: 18 months in original unopened containers.

Cleaning:

Cured product: Mechanical means.
Fresh product: With organic solvents.

Note:

The technical information provided by **BSF Bond | Seal | Fill**, either verbally or in writing is based on our present knowledge and is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved.

The user is obliged to ensure that our products are suitable for the process and the use in question.

In any case our liability is limited to the value of goods supplied by us and used by you. We provide products with consistent quality, according to our general conditions of sale and distribution