



# UltraBond Pro

## MS POLYMER HIGH TACK

ISO 9001 BUREAU VERITAS Certification	
COD.FICHA:	FT-390010-E
Nº EDICIÓN:	01
Nº REVISIÓN:	02
FECHA VIGOR:	07/20

### Description:

**UltraBond Pro** is a new-technology sealant adhesive based on high performance **MS polymers**. Extra strong, elastic, single component. It cures by moisture and presents a high modulus indicated for elastic bonding of most of substrates used in the building, civil and residential construction industries. Shipyards, automotive, etc. It has an extreme strength. It allows an immediate gluing of pieces with a quick grip < 5 sec. and bond line strength up to 400 Kg/10 cm<sup>2</sup>, without any support.

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:	White

Source: Laboratory tests.

Properties:	Value:	Unit:	Standard:
<b>FRESH PRODUCT</b>			
Density:	1.43 ± 0.01	g/cm <sup>3</sup>	UNE-EN 542
Skin formation time: (20°C y 65% r.h.)	5 -10	min.	I.M
Curing time (20°C y 65% r.h.)	3.5 – 4.5	mm/24h	I.M
Application temperature	+5 a +35	°C	---
<b>CURED PRODUCT</b>			
Hardness	65 ± 3	ShA	DIN 53505
Resistance against traction	3.8 – 4.2	Mpa.	DIN 53504
Elasticity Modulus 100%	2.2 – 2.5	Mpa.	DIN 53504
Elongation at break	300 ± 50	%	DIN 53504
Service temperature range	De -50 a +150	°C	---

### Properties:

- Extra Fast curing.
- Very quick grip.
- 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 elastic bonding in:

- Metal, plastic and wood buildings.
- Bodyworks.
- Prefabricated buildings
- Panels, profiles, moldings, etc ...

It is recommended for materials like:

Concrete, brick, marble, tiles, ceramic, fiber cement, galvanized, steel, iron, aluminum, wood, rubber, rigid PVC, PMMA, polycarbonate, ABS, glass, MDF, etc.

In plastics it is necessary to eliminate traces of release agents and protective agents before gluing.

Do not use on Teflon PTFE, PP, PE or on bitumen or asphalts. It is recommended to perform adhesion tests on any material not known by the user.





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### Instructions for use:

To achieve perfect adhesion to the substrate, the surfaces must be clean and free of dust, grease, oil, pollution, oxides, etc.... for it at times and a mechanical treatment is recommended cleaning with organic solvents (alcohol, acetone or MEK). Place the special nozzle on the cartridge and push the product with the applicator gun. Application in vertical cords with 15 cm of distance between themselves, over one of the surfaces to join and press strong. Flatten it with a rubber mallet. Do not apply adhesive on the whole perimeter of the surface to allow ventilation. The total curing time is 24 to 48 hours. For pieces of more than 250 Kg/m<sup>2</sup> use a support. Aproximate Consumption : 1 m<sup>2</sup> / 1 290 ml cartridge.

### 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.