

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 cm², 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

Physical Properties	Test Method	Typical Values
Color	-	White
Appearance	-	Smooth Paste, Free from Lumps
Specific Gravity @ 25°C, g/ml	ASTM D1475	1.55 ± 0.03
Skin Over Time at 25°C, Minutes	-	1-5
Rheological Flow @ RT	ASTM C639	Non-Sag
Cure Rate, mm/ Day @ RT	-	>2
Sag Test on Wall	-	No Slump
Shore A hardness	ASTM D2240	52 ± 05
Tear Strength, N/mm ²	ASTM D624	6 - 8
Adhesion Strength on Concrete, Psi	-	200 - 300
Tensile Strength, N/mm ²	ASTM D412	1 - 1.50
Elongation, %	ASTM D412	250 - 400
Application Temperature, (°C)	-	+5 to +40
Service Temperature, (°C)	-	-20 to +100

Characteristics

Extra Fast curing. - Very quick grip. - Does not need primers. - It does not smell. - Excellent Multi-material 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.

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/m² use a support. Proximate Consumption: 1 m² / 1 290 ml cartridge.

Uses and Applications

Especialy 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.

Storage

Keep in a cool, dry, well-ventilated place between +5 and +35°C, away from heat sources and direct sunlight. Keep Expiration: 18 months in its unopened container.

Cleaning

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

Remarks

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.

Safety & Hygiene

For further information, please request safety data sheet.



UltraBond Pro

MS Polymer High-Tack Adhesive & Sealant

ISO 9001 BUREAU VERITAS Certification	
	
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