



W-015 Ultra Bond

single-component, moisture curing, high strength performance hybrid-based sealant/adhesive



Attributes

- Easy application
- Environment friendly
- Paintable (All paint types)
- Solvent and isocyanate free
- Non sag
- Very good adhesion to most construction materials
- Exceptional Thixotropy
- No bubble formation
- Excellent UV resistance, weathering and aging

Uses

WECO® W-015 Ultra Bond™ is suitable for mounting and pasting of materials such as metal, aluminum, glass, plastic, wood and concrete with each other (it is not recommended to use in PMMA and polycarbonate type materials and there is no adhesion on PE, PP, PTFE (Teflon®), silicones and bituminous substrates).

Use WECO® W-015 Ultra Bond™ for construction industry, both indoors and outdoors as an elastic adhesive;

- Sealing of building and construction elements
- Kitchen and bathroom sealing applications (mirror, glass adhesion applications)
- Adhesion of heavy materials
- Sealing of natural stones
- Filling of leaks (under water applications included)

WECO® W-015 Ultra Bond™ have good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis. Poor resistance to aromatic solvents, concentrated acids, and chlorinated hydrocarbons of leaks (under water applications included) materials.

Quality Standards

ASTM D-412, Tensile strength > 275 psi (1,90 MPa)

Product Information

WE1279151	W-015 ULTRA BOND (296 ml)
Shelf Life	12 months in unopened packaging
Packaging	cartridge 10 oz
Color	White

Technical Information

Chemical Structure	Silane Terminated Polymer
Curing Mechanism	Moisture curing
Specific Gravity	12.7 ± 0.25 Lb./Gal (1,52 ± 0,03 g/cm ³)
Curing Rate	Tack free: 5 – 10 Min @ 77 °F
Curing Speed	1/8" depth / 36 hours
Shore Hardness	50 ± 5
Tensile Strength	> 275 psi (1,90 MPa)
Elongation at break	> 300 %
Application Temperature	40 °F (5 °C) to 100 °F (38 °C)
Temperature Resistance	-40 °F (-40 °C) to 194 °F (90 °C)

Surface Preparation

The application surface must be clean, dry and free of dust, oil and grease.

Application

Apply WECO® W-015 Ultra Bond™ in vertical/horizontal stripes with 4" – 6" distance in between to allow for air flow and bring the materials into position and press well to make sure that the thickness of the adhesive is minimum 2 – 3 mm (5/64" – 1/8"). Apply pressure to avoid gap left between the surfaces to be bonded.

Caution

Avoid skin and eyes contact, Use only with adequate ventilation. KEEP OUT OF REACH OF CHILDREN. Refer to the product's safety information on the Safety Data Sheet (SDS).

Warranty

Our liability regarding this product is limited to its replacement or its refund value should it not comply with our specifications and does not include any application costs.



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