



ULTRABOND



WATERSTOP - HYDRO-EXPANDING
MASTICS

PRODUCT DESCRIPTION

ULTRABOND is a semi-fluid, thermosetting contact adhesive formulated with acrylonitrile rubbers and phenolic resins. ULTRABOND provides high temperature resistance and excellent sealing in the presence of plasticisers, oils and lubricants; suitable for construction and industrial applications requiring reliable and durable adhesion.

PRODUCT APPLICATION

- Bonding of EPDM rubber profiles on concrete substrates
- Bonding rubber to metal
- Bonding metal with rigid plastics (ABS, PVC, etc.)
- Thermally and chemically stressed applications

ADVANTAGES

- Solid, long-lasting adhesion with even adhesive distribution
- Resistance to high temperatures, plasticisers, oils and lubricants
- Effective in thermal and chemical stress applications
- Versatile and easy to apply

PREPARATION AND APPLICATION

The preparation and installation data refer to normal environmental conditions (temperature +20 °C; relative humidity 60%).

Ensure that the parts to be bonded are free of grease, dust and that both surfaces are dry.

Apply an even coat of ULTRABOND to both faces to be joined, distributing the product evenly to avoid build-up or uncovered areas.

Once ULTRABOND has been applied, join the two surfaces within 3 to 15 minutes.

During the bonding phase, apply light, even pressure over the entire bonding surface to ensure optimum adhesion and even distribution of ULTRABOND, avoiding the formation of air bubbles or gaps between the substrates.

Maintain pressure until the adhesive has completely hardened to ensure a solid and durable connection.

WARNINGS - IMPORTANT NOTES

Before application, read the Safety Data Sheet for information on precautionary measures and safety recommendations.

PLEASE NOTE: For installations with contaminated terrains or for special design situations, contact the Volteco Technical Service.

PACKAGING AND STORAGE

0.850 kg tin.

The product should be stored in a dry environment away from light sources (recommended storage temperature +20 °C).

Storage time 12 months.

PHYSICAL AND TECHNICAL SPECIFICATIONS

Specification	Values
Colour	Brown
Density (ASTM D 792)	0.9 g/cm ³
Viscosity BFR +20 °C	3500 ± 600 mPas
Temperature resistance	130 °C
Dry residue	33 ± 1,5

The quoted data are obtained in a laboratory at +20 °C and 60% RH.

WATCH VIDEOS AND INSIGHTS

[Safety Data Sheets](#) [Declaration of](#) [Specifications](#) [Technical](#) [EPD Declaration](#) [YouTube Video](#)

performance

diagrams and
DOPs



SAFETY

Refer to the related Safety Data Sheet.

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LEGAL NOTES

Note for buyer/installer:

This document prepared by Volteco S.p.A. is provided as an aid and guideline for the buyer/installer.

This does not take into consideration the details of each single operational context, for which Volteco S.p.A. will not be held liable.

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It may vary and the installer is therefore required to update his/her information prior to each application by referring to www.volteco.com.

The above clarifications extend to the pre-post-sales technical/commercial information of the commercial network.