

Jotashield UltraBond Plus Filler

Product description

Type

This product is an exterior grade filler. Based on acrylic copolymer emulsion.

Features and benefits

A water based filler that gives excellent adhesion with topcoat. It has excellent application properties such as ease of application & sanding.

Recommended use

Recommended as a scrape coat to fill and smoothen the surface prior to over-coating with suitable coating systems. Ideal for decorating and protecting exterior surfaces.

Substrate

Cement plaster, concrete, block work, rendered surfaces etc.

Product data

Packaging size	18L
Colours	White
Solids by volume	60 ± 2 volume% Theoretical
Specific gravity	Theoretical
Particle size	1.65 mm
Flash point	Not available.
VOC	12 g/l ISO 11890 EU
VOC comments	This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions.

Application data

The product can be applied by

Trowel, pallet knife or other suitable dispenser.

Cleaning of painting tools

Water

Film thickness per coat

Typical recommended range

Film thickness will vary and is calculated as average.

Theoretical spreading rate 3 - 1.5 m²/l

The average spreading rate per coat can be confirmed at site by a trial application. Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Thinner

Water

Dilution

Maximum 10 % (if needed)

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	4 h	2 h	1 h
Hard dry	16 h	8 h	4 h
Dry to over coat, minimum	16 h	8 h	4 h

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

Primer

Jotashield Penetrating Primer or Jotun Siloxane Acrylic Primer : 1 Coat

Undercoat

Jotashield UltraBond Plus Filler : 1-2 Coat(s)

Topcoat

Recommended paint system

Remarks

Other systems may be specified, depending on area of use.

Please refer to the Decorative Sales Department for technical advice.

This product is available in: United Arab Emirates

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Environmental labelling

Green Building Standards

The declared product contributes to Green Building Standard credits by meeting the following specific requirements:

LEED@v4 (2013) / LEED@v4.1 (2020):

MR credit: Building product disclosure and optimization

- Material Ingredients, Option 2: Material Ingredient Optimization, International Alternative Compliance Path -

REACH optimization: Fully inventoried chemical ingredients to 100 ppm and not containing substances on the REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list.

- Environmental Product Declarations. Product-specific Type III EPD (ISO 14025;21930, EN 15804).

LEED@v4 (2013):

EQ credit: Low emitting materials, Healthcare and schools, Exterior applied products: VOC content for Primers, Sealers and Undercoaters (100 g/L) (CARB (SCM)2007).

BREEAM® International (2016) - Mat 01: Product-specific Type III EPD (ISO 14025;21930, EN 15804).

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.