

Jotashield Decor High Build

Product description

Type

This product is a superior quality, exterior, water based, high build textured paint. Based on modified acrylic emulsion.

Features and benefits

Specially designed to withstand the harsh middle east climate and weather conditions. Can be used to decorate and protect the exterior surfaces, giving ancient look. Jotashield Decor glaze can be applied to give a weathered ancient look.

Recommended use

Ideal for decorating and protecting exterior surfaces.

Substrate

Cement plaster, concrete, block work, rendered surfaces etc.
Substrate should have sufficient strength to receive the paint. Any defects in the substrate like surface undulations, cracks, pin holes etc., should be rectified/filled before starting painting. The compatibility of any third party filling material, if used, shall be confirmed with Jotun before application.

Product data

Packaging size	16 L Egypt and : 10 L and 20 L
Colours	Refer to Jotashield exterior colour card.
Solids by volume	65 ± 2 volume% Theoretical
Specific gravity	1.8 Theoretical only for white colour.
VOC	0 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

Remarks

Highly recommended that this product is applied by a skilled and a professional painter.

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

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

The average consumption can be confirmed at site by a trial application.

To find out Spreading rate in Sq M/Kg, divide Spreading rate in Sq M/L by specific gravity.

Thinner

Water

Dilution

Maximum 10%

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. The ideal maximum substrate temperature during application should not be more than 45 °C. Good ventilation is usually required in confined areas to ensure proper drying.

Do not apply when ambient temperature is below 5 degrees or higher than 40 degrees.

Do not apply in direct sunlight around noon in hot summer month.

Do not apply during rainfall. Keep well away from rainfall and other water sources until paint is fully dry.

Do not apply on Surfaces that are subject to water leakage.

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	6 h	3 h	1 h
Hard dry	24 h	12 h	6 h
Dry to over coat, minimum	24 h	24 h	12 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

Technical Data Sheet

Jotashield Decor High Build



Jotashield Penetrating Primer or Jotashield Alkali Resistant Primer : 1 Coat

*Jotun Penetrating Sealer or Jotashield Penetrating Primer is recommended on spray plaster and other chalky substrates

Topcoat

Jotashield Decor High Build : 1-2 coats

Use Jotashield Filler or Jotashield Ultra Bond Filler to rectify any imperfections on the substrate followed by sanding and the removal of accumulated dust.

Jotashield Penetrating Primer or Jotashield Alkali Resistant Primer : 1 Coat

Jotashield Decor High Build : 1 Coat

Jotashield ColourLast Silk : 1 Coat

Jotashield Decor Glaze : 1 Coat

Remarks

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

Masking tape has to be removed immediately after application of the topcoat.

Contents of packaging with different batch numbers must be mixed together before use.

Please refer to the Decorative Sales Department for technical advice.

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 (2019):

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 Nonflat Coatings (Gloss>5 and <70 on 60 degree meter) (CARB(SCM)2007).

BREEAM@ International (2016)

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

Additional certificates and approvals may be available on request.

Certificates

Crack bridging ability : Tested in accordance with BS EN 1062-7, Method A - Class A3, as per BS EN 1062-1

Carbon di-oxide diffusion resistance : Tested in accordance with BS EN-1062-6 - Class C1, as per BS EN 1062-1

Liquid water transmission rate : Tested in accordance with EN 1062-3 - Class W2, as per BS EN 1062-1

UV resistance : Tested in accordance with ASTM D4587

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.