

# Technical Data

## JOTASHIELD TEX ULTRA



### Product description

Jotashield Tex Ultra is a semigloss finish medium textured flexible decorative paint based on high quality pure acrylic water based binder.

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### Recommended use

Specially recommended for use on exterior surfaces of cement plaster, concrete, bricks and masonry. This product has good weather and water resistance. Jotashield Tex Ultra provides an attractive texture that will hide and cover minor imperfections in the surface when applied with a sponge roller. The product has been independently tested at the Taywood Engineering lab in UK to have crack bridging up to 1.4 mm and is also tested for Carbon Dioxide diffusion, Water Vapour Transmission and Liquid Water Transmission. Jotashield Tex Ultra is classified as a suitable concrete protection system. This product is also suitable for interior surfaces creating special decorative effects.

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### Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry ( $\mu\text{m}$ )	140	1000	
Film thickness, wet ( $\mu\text{m}$ )	330	2400	
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )	3	0.40	

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### Physical properties

Colour	Refer to the Jotashield Exterior Colour fan.
Solids (vol %)*	42 $\pm$ 2
Specific Gravity	1.15-1.25
Gloss	Semigloss
Flexibility	very Good
Water resistance	Very Good

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### Surface preparation

The substrate must be sound, clean, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose material must be removed by stiff bristle brushing. Jotashield Penetrating Primer / Jotashield Alkali Resistant Primer should be used as primer on new surfaces.

#### Other surfaces

The coating may be used on other substrates. Please contact your local Jotun office for more information.

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### Condition during application

The temperature of the substrate should be min. 10°C and min. 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

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### Application methods

Spray	Hopper Gun.
Brush	Recommended.
Roller	Recommended.

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## Application data

Mixing Ratio	Single Pack
Thinner/Cleaner	Water
Guiding data for spray	Use of hopper gun to achieve splatter finish
Nozzle tip	Use different types for varied patterns
Spray Angle	90°

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## Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- \* Good ventilation (Outdoor exposure or free circulation of air)
- \* Typical film thickness
- \* One coat on top of inert substrate
- \* Relative humidity 70%

Substrate temperature	23° C	35° C	45° C
Surface dry	1 h	1 h	30 min
Through dry	24 h	18 h	12 h
Dry to recoat, minimum	5 h	4 h	3 h
Dry to recoat, maximum			

1. Recommended data given 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 – reference is made to the corresponding system data sheet.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

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## Typical paint system

On porous and chalky surfaces	
Penetrating Sealer	1 Coat
Jotashield Penetrating Primer or Alkali Resistant Primer	1 Coat
Jotashield Tex Ultra	2 Coats
On New and Old surfaces	
Jotashield Penetrating Primer or Alkali Resistant Primer	1 coat
Jotashield Tex Ultra	2 coats

If any Block filler is used to rectify imperfections on the substrate, sanding followed by a full undiluted coat of Penetrating Sealer must be used before applying any Jotashield topcoats.

Other systems may be specified, depending on area of use

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## Test Certificates

Determination of Crack Bridging Ability - Performed by Taywood Engineering, UK.

Determination of Moisture Vapour Transmission Rate - Performed by Taywood Engineering, UK.

Determination of Carbon Dioxide Diffusion Resistance - Performed by Taywood Engineering, UK.

Determination of Liquid Water Transmission Rate - Performed by Taywood Engineering, UK.

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## Storage

The product must be stored in accordance with national regulations. The product must be kept in a cool and well-ventilated place, protected from heat and direct sunlight. Containers must be kept tightly closed.

## Handling

Handle with care. Stir well before use.

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## Packing size

1 USG and 18 Liters

Packing may vary from country to country according to local requirements.

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## Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

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## DISCLAIMER

*The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.*

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