Jotun Tough Shield Max (SG)(KH)

Product description

Type

An exterior paint formulated with 100% acrylic binder and has semi-gloss finish. It provides lasting colours and strong weathering protection, shielding off UV radiation that can cause damage, keeps the colour lasting on your wall, and provides an all-round protection you can trust and rely on at all times.

Features and benefits

UV Protected Colours - Formulated with UV protection to resist damages and to keep the colours on your exterior wall.

Anti Algae & Anti Fungal - Keeps your wall clean and free from algae and fungal growth.

Good Hiding - Tough Shield Max paints and covers your walls just the way you intended, with the right colours and evenly spread out.

Easy To Apply - Improved flow and leveling for better coverage.

Peeling Resistant - Fights against moisture and prevents paint from peeling off your walls.

Formulated Without Harmful Chemicals - Free from harmful chemicals such as APEO, formaldehyde, heavy metals and has low volatile organic compound (VOC).

Recommended use

For exterior application, suitable for new buildings or repainting.

Substrate

On concrete, masonry, plaster & brick work surfaces

Product data

Packaging size	3.785 L and 18.925 L
Colours	As per the colour card and available in Jotun Multicolor tinting system (Exterior range).
Solids by volume	37 ± 2 volume%

Application data

Remarks

Handle with care. Stir well before use.

Application equipment / methods

By brush, roller, airless spray or conventional spray.

Guiding data for airless spray

Nozzle tip	0.021–0.027"
Spray angle degrees	65–80°
Pressure at nozzle	140 - 190 kg/cm² (2100 psi)

Spreading rate per coat

Theoretical	12.3	m²/l	-	9.3	m²/l

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

Recommended film thickness per coat

Wet	81	µm	-	108	µm
Dry	30	µm	-	40	µm

Film thickness will vary and is calculated as average.

Thinner

Water

Dilution

The paint is ready to use after proper stirring. If thinning is required, water may be added up to a maximum of 5%.

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.

Drying times

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
The given data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc.
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	2 h	1 h	0.5 h
Hard dry	8 h	6 h	4 h
Dry to over coat, minimum	4 h	2 h	1 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

Jotun Tough Shield Primer / Jotashield Primer / Jotun Essence Old Concrete Primer : 1 coat

Topcoat

Jotun Tough Shield Max (SG)(KH) : 2 coats

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.

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.