

Durosan Action Semi-Gloss(EG)

Product description

Type

This product is an interior emulsion paint. Based on acrylic copolymer emulsion.

Features and benefits

Offers good flow, hiding power, incan anti bacterial and colour retention properties. Has very low VOC which ensures good indoor air quality. Free from harmful chemicals like APEO, Heavy Metals etc. Provides smooth durable and washable semigloss finish

Recommended use

Ideal for decorating interior 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.

Product data

Packaging size	1 L, 3 L, and 9 L
Colours	As per colour card.
Gloss level	45 - 55 EN ISO 2813 (60°)
Solids by volume	37 ± 2 volume% Theoretical
Specific gravity	1.16 Theoretical Only for white colour
VOC	10 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

Roller : Recommended.

Spray : Use airless spray or conventional spray.

Brush : Recommended to paint corners and edges.

Guiding data for airless spray

Nozzle tip	0.021-0.027"
Spray angle degrees	65-80°
Pressure at nozzle	140 - 190 kg/cm ² (2100 psi)

Cleaning of painting tools

Water

Film thickness per coat

Typical recommended range

Dry film thickness 40 - 50 μm

Wet film thickness 110 - 135 μm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 9 - 7.5 m^2/l

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

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

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. 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.

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	12 h	3 h	2 h
Hard dry	16 h	8 h	6 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

PVA Primer / Fenomastic Emulsion Primer : 1 coat

Technical Data Sheet

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Filler

Stucco : 2 - 3 Coats

Primer

PVA Primer / Fenomastic Emulsion Primer : 1 coat

Topcoat

Durosan Action Semi-Gloss(EG) : 2 Coats

Remarks

For colors, if needed, tinted primer can be used (same color as topcoat).

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

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

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.

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.