Dura-Coat Coloured Top Coat

FEATURES AND BENEFITS

- Easy to apply
- Elastified
- Short curing time
- Weather resistant
- Available in different colours

PRODUCT INFORMATION

DESCRIPTION

Dura-Coat Coloured Topcoat is a low viscous, elastified, UV-resistant, 2 component reactive resin based on methyl methacrylate (MMA). To initiate curing, just add Dura-Systems Catalyst.

USAGE

Dura-Coat Coloured Topcoat is used as a coloured topcoat for the Dura-Coat system.

PACKAGING

20 kg metal pails

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS (LIQUID STATE)

Density (ISO 2811), 25°C	1.10 g/ml
Viscosity (DIN 53018), 25°C	190-270 mPa
Potlife / processing time at 20°C	± 15 min.
Curing time at 25°C	± 60 min.
Can be recoated after	± 90 min.
Flash Point (ISO 1516)	± 11.5 °C
Standard colours RAL	7001, 7015

More colours on request.

TECHNICAL CHARACTERISTICS (SOLID STATE)

Tensile strength (ISO 527)	7.9 MPa
Elongation (ISO 527)	110 %
E-Modulus (ISO 527)	270 MPa

Please note that an objective comparison with other data is only possible if norms and parameters are identical.

USAGE GUIDELINES

SUBSTRATE PREPARATION

The Dura-Coat that must be coated, must be dry, free of dust and fat.

MIXING

Prior to use, Dura-Coat Coloured Topcoat must be stirred to achieve a uniform distribution of paraffin. Because of the short curing time, always mix small quantities of Dura-Coat Coloured Topcoat with the suitable amount of Catalyst.

The volume of catalysed batch depends on the actual area size and application conditions whilst the amount of catalyst depends on the ambient temperature.

at 30°C	add 1.0% by weight of resin
at 20°C	add 1.5% by weight of resin
at 10°C	add 3.0% by weight of resin
at 0°C	add 4.0% by weight of resin
at –10°C	add 5.0% by weight of resin and additionally add Dura-Systems Accelerator, which is an accelerating agent.

Please contact our Technical Service Department for further details.

Note: Weight to Volumetric conversion of Catalyst.
1 cm^3 of Dura-Systems Catalyst weighs 0.64 g
1 g of Dura-Systems Catalyst = 1.57 cm^3

APPLICATION

Immediately after the catalyst has been added and mixed, the Coloured Topcoat is poured onto the Dura-Coat Membrane in stripes and distributed with a paint roller. Consumption: 0.5 – 0.7 kg/m^2.

When the ambient temperature is above 25°C and the area onto which the product is to be applied is in direct sunshine, either wait until that area is in shade, or create artificial shade to cover the area before applying the product.

STORAGE

Store in a cool dry place and in original packaging and away from direct sunlight. Optimal storage temperature is between 15 - 20°C. the packaging.

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HEALTH AND SAFETY PRECAUTIONS

Please refer to the Safety Data Sheets for the products used.

Suitable protective clothing, gloves and safety goggles must be worn during mixing and application of Dura-Coat Coloured Topcoat.

In case of contact with eyes rinse immediately for a long period of time and consult a physician. In case of contact with skin clean immediately with water and soap.

Dura-Coat Coloured Topcoat is highly flammable; keep away from heat and all sources of ignition and do not smoke. The mechanical mixer as well as all the other electric appliances used on the application site must be explosion proof versions.

STANDARD COLOURS

RAL 7001

RAL 7015

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