



Dura-Walk[®] Clear Sealcoat

FEATURES AND BENEFITS

- Easy to apply
- Excellent flow properties
- Short curing time
- Weather resistant
- For outdoor and indoor use
- Good chemical and mechanical resistance

PRODUCT INFORMATION

DESCRIPTION

Dura-Walk Clear Sealcoat is a low viscous, U.V. resistant blue-violet surface sealer based on acrylic resins. The curing is initiated by addition of Dura-Walk Catalyst. After polymerization the blue-violet colouring is no longer visible.

USAGE

Dura-Walk Clear Sealcoat is used as a surface sealer for Dura-Walk Balcony systems to improve general resistance and maintenance properties.

PACKAGING

5 kg and 20 kg metal pails

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS (LIQUID STATE)

Density at 25°C:	0.99 g/cm ³	ISO 2811
Viscosity at 25°C:	70-90 mPa * s	DIN 53018
Flash point:	+ 11.5°C	ISO 1516
Pot life at 20°C	approx. 15 min.	
Curing time at 20°C	approx. 30 min.	

TECHNICAL CHARACTERISTICS (SOLID STATE)

Tensile strength:	14.7 N/mm ²	ISO 527
Elongation at max. strength:	0.7 %	
Elongation at fracture:	0.7 %	
Modulus of elasticity:	2620 N/mm ²	
Density at 20°C:	1.16 g/cm ³	ISO 1183

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

USAGE GUIDELINES

SUBSTRATE PREPARATION

The Dura-Walk system to be sealed must be dry, clean, free from dust and grease. Any fresh base coat must be completely cured. For broadcast systems all loose aggregate or flakes must be thoroughly removed prior to applying the Dura-Walk Clear Sealcoat.

MIXING

Prior to use, Dura-Walk Clear Sealcoat must be stirred to achieve a uniform distribution of paraffin and eventual pigments added to the sealer. To initiate curing Dura-Walk Catalyst shall be added to suitable volumes of product and carefully mixed. 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
below 0°C	add 5% by weight of resin and additionally add Dura-Walk Accelerator, which is an accelerating agent.

Please contact our Technical Service Department for further details.

Note: Weight to Volumetric conversion of Catalyst.
1 cm³ of Dura-Walk Catalyst weighs 0.64 g
1 g of Dura-Walk Catalyst = 1.57 cm³

APPLICATION

Immediately after the catalyst has been added and mixed, the sealer is poured onto the Dura-Walk membrane system in stripes (do not apply directly out of the mixing pails) and distributed using a rubber squeegee and paint roller.

On broadcast systems, the sealcoat can be spread out by a toothrake before using a roller. Consumption of Dura-Walk Clear Sealcoat depends on the substrate structure and varies from 0.3 to 0.8 kg/m². Please consult the Dura-Walk build ups (maximum 0.4 kg/m² per layer, if a thicker layer is required it must be applied in 2 separate coats). For good results it is important always to work with freshly catalysed material i.e. small batch sizes.

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.

Dura-Walk® Clear Sealcoat

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.

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-Walk Clear Sealcoat.

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-Walk Clear Sealcoat 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.

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