since 1895

Dura-Walk® Catalyst

PRODUCT INFORMATION

DESCRIPTION

Dura-Walk Catalyst is an odourless, free flowing, white powder consisting of stabilized 50 % dibenzoyl peroxide.

USAGE

Dura-Walk Catalyst is mixed with Dura-Walk reactive resin to initiate polymerization.

CONSUMPTION

Consumption of Dura-Walk Catalyst depends on the temperatures at which the Dura-Walk reactive resins are being applied. See separate individual Technical Data Sheets for the recommended quantities.
If no accurate scales is available at the application site, calculate the quantity in grammes and convert the results into cm^3 using a powder density of 0.64 g/cm^3. The required amount of Catalyst can then be measured using a measuring beaker:

1 cm^3 Dura-Walk Catalyst = 0.64 g
1 g Dura-Walk Catalyst = 1.57 cm^3

PACKAGING

25 kg boxes

TECHNICAL INFORMATION

Melting / distortion temperature:	> 54°C
Powder density:	640 kg/m3
Solubility in water at 20°C:	not soluble
Solubility in organic solvents:	highly soluble
Thermal decomposition:	> 60°C

USAGE GUIDELINES

APPLICATION

Depending on the Dura-Walk reactive resin type and prevailing ambient substrate temperatures, between 1 and 6 % by weight of resin should be added and mixed until completely dissolved.

To delay or accelerate polymerization, additives can be used. These can be obtained upon request. Such additives are necessary when application is done at temperatures above +30°C or below 0°C.

All accelerator and inhibiting agents, pigments powders, colour pastes and thixotropic agents should be mixed with the resin before the Catalyst is added. Fillers are added after the Dura-Walk Catalyst and mixed in. For further details, see our Installation Manual for Dura-Walk Balcony Systems.

STORAGE

Store in a cool dry place and in original packaging. Maximum storage temperature is +25°C.

HEALTH AND SAFETY PRECAUTIONS

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

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