

Thermoplastic Coating Datasheet

March 2014

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A tough, thermoplastic, textured, weatherproof coating. Contains Mica and silica for maximum film protection against ultra-violet light and weather abrasion. Supplied ready for use.

Purpose

To provide a super durable colourful coating for walls. Being thermoplastic and specially formulated, this coating holds well over fine crazing to prevent water entering the structure.

Types

One type only.

Applications

Can be applied to exterior or interior walls of industrial, commercial or domestic buildings. It is especially suited to high-rise structures where frequent renovations are costly. Ideal for treating concrete structures to improve aesthetics and protect the re-enforcing. Not suitable for use in water-containing structures.

SABS

An SABS 2000 hour artificial weathering test report is available on request.

Specifying

"Cemcrete **Thermoplastic Coating** applied in two coats with a minimum six hour interval to hard surfaces which are free from grease, organic growths or anything which might prevent adhesion. All in strict accordance with the manufacturer's instructions."

Specimen finish

A trial area should be treated on-site for the architect's approval.

Site Work

Storage

Can be stored, unopened, for 12 months. Protect from freezing.

Surface preparation

Organic growths should be removed by brushing with a solution of 1 volume household bleach (sodium hyper-chlorite) solution and 3 volumes water. Allow 12 hours to kill spores then remove with a wire brush and water. Allow the surface to dry completely before applying **Thermoplastic Coating**.

Flaking, friable, chalking and soft surfaces must be scraped and wire-brushed to a firm foundation before priming with a solution of 1 volume CemBond and 4 volumes water. A small amount of **Thermoplastic Coating**, say one half part, can be incorporated in the priming coat for tinting purposes.

Cracks and voids to be filled with Cemcrete Crack Filler, sanded level and re-primed with the CemBond solution.

Weather

Do not apply to exterior surfaces if rain is expected or if there is a risk of frost.

Masking

For best results all windows, doors and adjacent surfaces should be masked using masking tape and brown paper. All masking material must be removed at the end of the day's work.

Cemcrete provides a comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

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Application

Application is by brush or lamb's wool roller. A plastic sponge roller can be used for finishing where a thicker, slightly stippled texture is desired. Wash brushes and rollers with clean water.

Maintenance

Surfaces treated with **Thermoplastic Coating** can be cleaned using scrubbing brushes, detergent and cold water.

Coverage

Approximately 6m²/litre/coat.

Packaging

Supplied in 5 litre and 20 litre non-returnable drums.

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