

STRONGCOAT MATT

Water based matt epoxy coating/seal



TECHNICAL DATA SHEET PUBLISHED JUNE 2014

PRODUCT FEATURES

Strongcoat Matt is a water-based solvent-free clear matt epoxy coating that provides wall and floor surfaces with a seamless and hygienic finish. It is suitable for use as a seal with **Strongcoat Topping** and **Strongcoat Quartz**.

Strongcoat Matt is applied by brush or roller in a minimum of two coats and has very good durability towards pedestrian and vehicular traffic. It also has very good resistance towards many of the chemicals commonly found in an industrial environment (consult our Technical Department for further details).

Curing to a matt finish, Strongcoat Matt provides a finish that gives very good slip resistance.

KIT FORM

5kg

SPECIFIED COATING THICKNESS

Approximately 125 microns / coat.

COVERAGE

Approximately 8m² / kg at the specified coating thickness.

Important: This coverage figure is based on application to a smooth, dense surface. Coverage figures will vary according to the texture, porosity and evenness of the surface on which the Strongcoat Matt is being applied. When used as a seal on top of Strongcoat materials listed above, this coverage will be increased to approximately 10-12m² / kg.

STORAGE

Store at temperatures between 5°C and 30°C.

SHELF LIFE

Approximately 12 months if stored in unopened containers and under good conditions.

TECHNICAL INFORMATION

EN 13813 Designation	SR-ARO,5-B2,0-IR4
Wear Resistance (EN 13892-4)	≤ 50 µm
Bond Strength (EN 13892-8)	≥ 2.0 N/mm ²
Impact Resistance (EN ISO 6272-1)	≥ 4 Nm

SURFACE PREPARATION

The surface must be clean, dry (less than 75% RH measured by hygrometer) and free of dust laitance, oils, paints or other forms of contamination. Grit blasting can be used to remove laitance and surface contamination (see the **DCP Guide to Surface Preparation** for more details).

For treatment of surfaces containing expansion joints, consult our Technical Department.

MIXING

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the Strongcoat Matt Hardener container into the Resin container and, using a Jiffy-type mixer attached to a slow running electric drill, mix for approximately two minutes.

Important: Never mix Strongcoat Matt by hand as this could lead to areas of uncured material.

APPLICATION

Once mixing is complete, transfer the Strongcoat Matt to a roller tray, and using a medium-pile simulated sheepskin roller, apply it evenly over the surface. When used as a seal coat over other Strongcoat products, a two-coat application should be applied by a short-pile simulated sheepskin or foam roller to avoid any puddling of material.

Note: If applying to Cemflow Topping, a first coat of Strongcoat Wd Clear should be applied followed by a coat of Strongcoat Matt,

WORKING TIME

Strongcoat Matt has a working time of approximately 20 minutes at 20°C.

Important: Never leave the mixed Strongcoat Matt kit to stand for any length of time prior to application as this will considerably shorten its working time.



CLEANING

Once mixing and application are complete, tools can be cleaned with water.

CURING TIME

At 20°C, Strongcoat Matt should be allowed to cure for 24 hours prior to opening it to pedestrian traffic. At the same temperature, Strongcoat Matt should be allowed to cure for approximately seven days prior to opening it to vehicular traffic or exposing it to chemical contamination (consult our Technical Department for details of curing times at other temperatures)

OVERCOATING

Further coats of Strongcoat Matt must be applied no later than 24 hours after the preceding coat has cured (see Curing Time). Additionally, Strongcoat Matt must not be contaminated prior to applying a further coat.

WORKING CONDITIONS

Strongcoat Matt should not be applied at temperatures less than 10°C.

HEALTH & SAFETY

Consult the appropriate Material Safety Data sheet prior to using Strongcoat Matt.

GENERAL GUIDANCE

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department.

Please consult our Technical Department to confirm that this Data Sheet is the current issue.

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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

 expertise

 quality

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