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TECHNICAL DATA SHEET

Hycote 700WT Primer

ThistleBond 'Hycote 700WT Primer' has been specifically developed as a high performance sealer for porous and bituminous surfaces prior to the application of **ThistleBond 'Hycote 700WT'**.

ThistleBond 'Hycote 700WT Primer' is based on a complex blend of penetrative resins and solvents reinforced with a special blend of fillers to produce a primer with excellent adhesion and overcoating properties.

ThistleBond 'Hycote 700WT Primer' is simple and easy to use and is suitable for use on substrates such as concrete, asbestos, bitumen and felt.

Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.

SURFACE PREPARATION

All surfaces should be clean, dry and free from all dust and loose material. Surfaces subjected to fungal growth should be first treated with fungicidal wash.

Blisters on asphalt roofs should be cut out and the void filled with polymer screeds.

Severe blisters on felt roofs should be cut open and bonded flat.

MIXING

ThistleBond 'Hycote 700WT Primer' is a single component material and should only require stirring prior to use to incorporate any slight separation.

APPLICATION

ThistleBond 'Hycote 700WT Primer' should be applied with a good quality brush or broom (not plastic) evenly over the surface avoiding excessive thickness or ponding. A guide to the practical coverage rates is given overleaf and should be used when estimating the quantity required.

ThistleBond 'Hycote 700WT Primer' should not be overcoated until the film is completely dry and free from solvent. The following table gives a guide to the minimum overcoating times for **ThistleBond 'Hycote 700WT Primer'** at different temperatures on a still day.

| |
|-----------------|
| 10°C - 16 hours |
| 20°C - 4 hours |
| 30°C - 1½ hours |

Factors other than temperature can greatly alter these overcoating times. These factors are:

Wind Conditions - on a windy day, overcoating times will be much shorter than on a still day.

Absorbance of the Substrate - certain bituminous materials can retain solvent even though the surface of the primer may appear dry and if in doubt, the **ThistleBond 'Hycote 700WT Primer'** should be allowed extra time on such substrates to become completely dry.

Relative Humidity - the higher the humidity, the slower the drying and subsequent overcoating of the primer.

As a general guide, the **ThistleBond 'Hycote 700WT Primer'** should not be overcoated until it is sufficiently hard to permit light foot traffic.

In hot windy conditions or when coverage rates are not being achieved, **ThistleBond 'Cleaner'** can be added to improve coverage.

All equipment should be cleaned IMMEDIATELY after use with **ThistleBond 'Cleaner'**.

Theoretical Coverage Rate (one coat/litre)

| | |
|---------------------------------|--|
| Smooth Asphalt of Felt | 8.4 m ² (90 ft ²) |
| Mineral Felt or Small Chippings | 4.6 m ² (50 ft ²) |
| De-Chipped Felt | 3.7 m ² (40 ft ²) |
| Concrete or Brick | 4.6 m ² (50 ft ²) |
| Asbestos Cement New | 8.4 m ² (90 ft ²) |
| Asbestos Cement Weathered | 4.6 m ² (50 ft ²) |

Recommended Film Thickness

Wet - 125 microns (5 mils)
 Dry - 25 microns (1 mil)

PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use.

Appearance Blue Liquid

Drying & Cure times at

20°C (68°F) Touch Dry 2 hours
 Minimum Overcoating 4 hours
 Maximum Overcoating Indefinite
 providing surfaces are clean

Volume Solids 20%

V.O.C. 795 gm / litre

Shelf Life Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C(40°F) and 30°C(86°F).

FOR FURTHER INFORMATION PLEASE CONTACT

HEALTH AND SAFETY

As long as normal good practice is observed **ThistleBond 'Hycote 700WT Primer'** can be safely used.

ThistleBond 'Hycote 700WT Primer' is flammable and should be stored away from sources of ignition.

Rubber gloves should be worn.

A fully detailed **Material Data Sheet** is either included with the material or is available on request.

PACKAGING

Supplied in 20 litre units.

The information provided in this Product Data Sheet is intended as a general guide only and should not be used for specification purposes. The information is given in good faith but we assume no responsibility for the use made of the product or this information because this is outside the control of the company. Users should determine the suitability of the product for their own particular purposes by their own tests. Detailed specifications are available on request from the company.



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