

Temashield EPY 102

DESCRIPTION

A two component epoxy, adhesion-promoting wash coat.

PRODUCT FEATURES AND RECOMMENDED USES

- A primer for application to steel, plaster, concrete, brickwork or new timber, where an epoxy system is to be applied. This material is eminently suitable as a primer for steel in food factories, creameries etc. where a 'non-toxic' system is required. Will withstand temperatures up to 175°C (350°F).
- This product provides excellent adhesion to prepared aged epoxy coatings.
- Good adhesion to Terrazo tiles and other difficult substrates.
- EPA Complaint.
- Suitable as an adhesion coat for bright, degreased galvanised and aluminium surfaces where a 'white' primer is preferred.

VOLUME SOLIDS

42 ± 2% ASTM D2697

FILM THICKNESS

WET MICRONS	72	DRY MICRONS	30
--------------------	----	--------------------	----

THEORETICAL COVERAGE

14m²/litre @ 30 microns dry

APPLICATION

Airless or conventional spray, brush or roller.

DRYING TIMES

		10°C	23°C	35°C
OVERCOATING	DUST FREE	5 hours	2-4 hours	2 hours
	HARD DRY	20 hours	12-16 hours	12 hours
	MIN	20 hours	16 hours	12 hours
	MAX	7 days	7 days	3 days

COLOURS

White

FINISH

Matt

POT LIFE AT 23°C

8 hours

PRODUCT WEIGHT

1.35kg/litre (mixed)

STORAGE CONDITIONS

Store in dry, cool conditions and protect from frost

MIXING RATIO

4 parts base to 1 part activator by volume.

THINNERS

1031

PRODUCT NOTES

Mix only in the proportions stated above, mixing each component individually then together using a mechanical agitator.

Do not apply or cure below 10°C.

Product will chalk, the degree of which is subject to atmospheric conditions.

Suitable for conventional, epoxy or polyurethane top coats.

4.00

Temashield EPY 102

SURFACE PREPARATION

Steel

Degrease where necessary to SSPC-SP1 solvent cleaning to remove weld flux and general contamination prior to blasting.

All sharp edges should be ground and weld spatter removed.

Blast clean to Swedish Standard SIS 05 5900 Sa 2½ or British Standard 7079 equivalent.

Maximum profile 75 microns.

If blast cleaning is impractical, apply over Temabond ST 200 or WG 200 surface tolerant primers.

New plaster, concrete, brickwork should be thoroughly dry, laitence removed from concrete and all building residue removed. Blockwork walls can be sealed using Temacrete White Block Filler.

New Galvanised or Aluminium Surfaces

Degrease using Temaclene 'C', fresh water wash and allow to dry. Lightly abrade any very shiny/smooth areas to obtain a key.

All surfaces should be clean, dry and free from all grease, oil and general contamination.

HEALTH AND SAFETY INFORMATION

Refer to Health and Safety data sheets.

At all times observe precautionary notices on containers.

VOC figures are printed on Health and Safety data.

APPLICATION NOTES

METHOD	AIRLESS SPRAY	AUTOMATIC SPRAY	CONVENTIONAL SPRAY	BRUSH	ROLLER
OUTPUT FLUID PRESSURE	2000 p.s.i.	No	Any suitable equipment	Yes	Yes
TIP SIZE	13 thou				

Refer to Tikkurila Epoxy Application/Curing Notes

Avoid excessive dry film thickness.

Only apply in conditions of good ventilation which should be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point.

FLASH POINT

22-32°C

EQUIPMENT CLEANER

1031

The information in this data sheet is correct at the time of printing.
Consult Tikkurila Coatings before applying as to the suitability for use otherwise we cannot be held responsible for conditions beyond our control.