

Two sheet issue

<b>DESCRIPTION</b>	two component polyamide cured epoxy impregnating sealer for concrete surfaces.
<b>PRINCIPAL CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>- specially formulated to prevent dusting of the cement matrix on concrete surfaces.</li> <li>- easy and economical to apply</li> <li>- improves abrasion and wear resistance of concrete</li> <li>- makes concrete floors non porous thereby giving resistance to oil, water, grease and mild chemicals</li> <li>- good wetting properties</li> </ul>
<b>COLOUR AND GLOSS</b>	transparent/clear - eggshell
<b>BASIC DATA AT 20 °C</b>	( for mixed product )
<b>Mass density</b>	approx. 0.90 g/cm <sup>3</sup>
<b>Solids content</b>	approx. 23% by volume
<b>Recommended dry film thickness</b>	15 - 30 µm
<b>Theoretical spreading rate</b>	15.3 m <sup>2</sup> /ltr for 15 µm depending on the nature and condition of the substrate and the application method employed
<b>Touch dry after</b>	approx. 1 hours
<b>Overcoating interval</b>	min. 16 hours* max. 10 days*
<b>Full cure after</b>	7 days
<b>Shelf life (cool, dry place)</b>	at least 12 months
<b>Flashpoint</b>	base and hardener - 26 °C
<b>RECOMMENDED SUBSTRATE CONDITIONS</b>	<ul style="list-style-type: none"> <li>- concrete must be dry and free from any contamination (max. 4% moisture content)</li> <li>- sealer should not be applied at temperatures below 5 °C</li> <li>- substrate temperature should be at least 3 °C above the dew point</li> </ul>

please turn

## INSTRUCTIONS FOR USE

- mixing ratio: by volume; base to hardener 75 : 25
- the temperature of the mixed base and hardener should be above 15 °C, otherwise extra solvent may be required to obtain the correct application viscosity
- too much solvent will result in lower sag resistance and slower cure
- thinner should only be added after proper mixing of the base and hardener
- use a soft brush or broom to apply the first coat in order to saturate the surface. First coat should be applied thinned 5% with 91-92 and allowed to dry thoroughly prior to application of the second and third coat. Roller application is acceptable for application of the second and third coats, with the sealer being applied unthinned.
- well trowelled, very dense surfaces such as vacuum dewatered concrete may only require two coats. The sealer should only be applied to sand/cement screeds which are not leaner than a 1 : 3 cement/sand ratio.

**Induction time at 20 °C**

none

**Pot life at 20 °C**

6 hours\*

## BRUSH AND ROLLER

**Recommended thinner**

Sigma thinner 91-92 (flashpoint 20 °C)

**Volume of thinner**

0 - 5%

to obtain optimal flow use Sigma thinner 90 - 53 (flash point 30 °C)

## CLEANING SOLVENT

Sigma thinner 90-53 (flashpoint 30 °C)

## SAFETY PRECAUTIONS



see safety sheets 1570 and MSDS 0654 for information on LEL and TLV values

this is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapour as well as contact between the wet paint and exposed skin or eyes

## Overcoating table

substrate temperature	10 °C	15 °C	20 °C	30 °C
minimum interval	48 hours	24 hours	16 hours	8 hours
maximum interval	21 days	14 days	10 days	7 days

surface should be dry and free from contamination

see sheet two

Sheet two

**Pot life  
(at application viscosity)**

<b>Paint temperature</b>	<b>Pot life</b>
15 °C	10 hours
20 °C	6 hours
25 °C	5 hours
30 °C	3 hours
35 °C	2 hours

## REFERENCES

explanation to product data sheets on information sheet 1411