

DESCRIPTION	two component, solvent free, epoxy primer, engineered for use on new concrete substrate under Sigma Floorguard systems
PRINCIPAL CHARACTERISTICS	<ul style="list-style-type: none"> - for internal and external concrete floors - excellent adhesion to concrete - excellent impregnating properties - excellent substrate condition
COLOUR AND GLOSS	semi transparent – gloss
BASIC DATA AT 20 °C	(for mixed product)
Mass density	approx. 1.47g/cm ³
Solids content	approx. 100% by volume
Theoretical spreading rate	10 m ² /ltr, at 100 µm depending on the nature, roughness, porosity and condition of the substrate and the application method employed
Touch dry after	approx. 5 hours
Overcoating interval	min. 24 hours* max. 7 days*
Full cure after	7 days*
Shelf life (cool,dry place)	12 months
Available pack size	5 ltr, 20 ltr
RECOMMENDED SUBSTRATE CONDITIONS	<ul style="list-style-type: none"> - laitance must be removed and concrete must be intact, dry and free from any contamination. - moisture content of cement bonded floors should be not exceed 4% - substrate and ambient temperature should be minimum 10°C during application and curing. - relative humidity should not exceed 85% - substrate temperature should be at least 5°C above the dew point - max. moisture content 4%

*see additional data

please turn

INSTRUCTIONS FOR USE

- mixing ratio: base : hardener
by volume: 75 : 25
- materials temperature should be minimum 10°C
- mix base with a variable speed mechanical mixer, add hardener mix until homogeneous.

Induction time at 20 °C

none

Potlife at 20 °C

40 Min*

METHOD OF APPLICATION

Tools

roller, brush – for smooth and normal absorbing substrates
rubber squeegee – for rough or higher absorbing substrates

Recommended thinner

no thinner to be added

Cleaning solvent

Sigma Thinner 90-53

SAFETY PRECAUTIONS



see safety sheet 1570 for information on LEL and TLV values

ADDITIONAL DATA

overcoating table
Sigma Floorguard

Substrate temperature	20 °C	40 °C
minimum interval	1 day	16 hours
maximum interval	7 days	4 days

surface should be dry and free from any contamination for intervals exceeding the maximum overcoating interval, please contact Sigma for advise and assistance .

Curing table

Substrate temperature	Touch Dry	Dry to handle	Full cure
23 °C	5 hours	16 hours	7 days
40 °C	3 hours	7 hour	3 days

adequate ventilation must be maintained during application and curing

***Pot life at application**
viscosity

Paint temperature	Pot life
20 °C	40 min
40 °C	20 min

REFERENCES

explanation to product data sheets on information sheet 1551 and 1560