



VITCON POLYCEM PRIMER

DESCRIPTION

VITCON POLYCEM PRIMER is a low viscosity, solvent free two part epoxy resin. Suitable for use in hot and tropical climates.

ADVANTAGES

- 1) Low viscosity
- 2) Good penetration ability
- 3) High bond strength
- 4) Solvent free
- 5) Easy application
- 6) Short waiting times
- 7) Multi-purpose
- 8) For external use also

USES

- 1) Priming rock substrates, repairing surfaces
- 2) Normal to strongly absorbent surfaces
- 3) Internal and external use



APPEARANCE / COLOURS

Part A : Water Based Epoxy Hardner - Coloured Liquid
Part B : Resin - Transparent Liquid

PACKAGING

PART A + PART B : 50 kg + 50 kg

STORAGE CONDITIONS

Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C.

SHELF LIFE

Minimum 24 months from date of production if stored in original unopened.

TECHNICAL DATA

Density (at 23°C)	Part A:	~ 1.03 kg/l
(DIN EN ISO 2811-1)	Part B:	~ 1.15 kg/l
	Mixed Resin:	~ 1.05 kg/l
Mixing Ratio	Component A:B =	2.5 : 1

BOND STRENGTH

> 1.5 N / mm² (Failure in concrete)



SHORE D HARDNESS

83 (7 DAYS / +23°C / 50 % r.h)

THERMAL RESISTANCE

Exposure*	Dry heat
Permanent	+50°C
Short-term max. 7 d	+80°C
Short-term max. 12 h	+100°C

Short-term moist/wet heat* up to +80°C where exposure is only occasional (steam cleaning etc)

*With no simultaneous chemical and mechanical exposure

CONSUMPTION / DOSAGE

Coating System	Product	Consumption
PRIMING	POLYCEM PRIMER	0.3 - 0.5 kg/m ²



SUBSTRATE PREPARATION

Repairs to substrate filling of blowholes/voids and surface leveling can be carried out using appropriate products from VITCON POLYCEM PRIMER

The concrete or screed substrate has to be primed or leveled up in order to achieve an even surface. High spots can be removed by e.g. grinding.

All dust, loose and friable material must be completely removed from all surfaces before application of the product , preferable by brush and/or vacuum.

APPLICATION CONDITIONS / LIMITATIONS

SUBSTRATE TEMPRATURE : + 10°C min. / + 30°C max

AMBIENT TEMPERATURE : + 10°C min. / + 30°C max

RELATIVE AIR HUMIDITY : 80% r.h. max.

Beware of condensation! The substrate & uncured floor must be at least 3°C above the Dew point to reduce the risk of condensation or blooming on the floor.