



Sole UK Distributors Of
REINHARDT-TECHNIK
Metering, Mixing &
Dispensing Systems



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Technical Data Sheet

VITRALIT 4451

Description

VITRALIT 4451 is a UV and light curable adhesive with rapid curing, a dry surface and low shrinkage. The cured material is soft and flexible. It can be used for bonding, sealing applications and for coatings with thin film.

Technical Data

Colour	Transparent
Resin	Urethanacrylate

Uncured properties

Viscosity (Brookfield LVT)	600 to 800 mPa*s
Flash Point	> 93°C
Density	approx. 1.1 g/cm ³

Curing

UV (UV-A-40mW/cm ² thickness 0.2mm)	5 seconds
Full strength	after 12 hours
Depth of cure	2mm

Cured Properties

Temperature resistance	-40 to 130°C
Hardness Shore D	20 to 30
Refractive index	1.585 nD20
Water absorption	1.4%

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