

Vitralit VBB-N is a 100% solids, general purpose UV/Visible Light curable adhesive, that forms resilient, high peel strength bonds between materials such as glass, steel, aluminium, stainless steel and many plastics. Bonds prepared from Vitralit VBB-N are optically clear, resistant to moisture and yellowing and able to withstand thermal cycling.

**Shelf life:**

Store in original, unopened containers for 6 months at max. 25°C

## Technical Data

Color	transparent
Resin	acrylat

## UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	50 to 150
Flash point		-
Density [g/cm³]	PE-Norm P051	approx. 1.2

## Curing

UV(UV-A 40mW/cm² in 0,025mm): [sec.]	PE-Norm P002	5
Visible Light (in 0,025mm) :[sec.]	PE-Norm P037	30
Full Strength [hours]	PE-Norm P032	12

## CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 140
Hardness Shore D	PE-Norm P052	25 to 40
Water Absorption [Gew-%]	PE-Norm P053	< 1

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the intended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. In general, for guarantee claims, please refer to our standard terms and conditions.

Adhesives  
and more...

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### Instructions for Use

#### Surface Preparation

The surfaces to be adhered should be free of dust, oil, fat or any other dirt in order to optimise reproducible bonds. Lightly soiled surfaces can be cleaned with cleaner IP, whereas substrates with low surface energy (such as polyethylene, polypropylene or Teflon) need to be treated physically using plasma or corona to create a suitable working surface. For glass bonding applications we have developed a special primer pen which can be easily applied to prepare the surface for best results.

#### Application

Our products are delivered ready for use. As soon as you receive them, you can dispense them, be it by hand from the container, or semi/fully automatically. When applied automatically, we recommend the use of air pressure with the appropriate cartridge/piston combination to dispense the adhesive at the required speed and accuracy. If help is required, please consult our engineering department

Please read the corresponding **Safety Data Sheet** for this product.