

Vitralit® 6135 is a UV- and light curing stress resistant adhesive with high impact strength.

The product was designed for the furniture and interior decoration industry.

Vitralit® 6135 was developed with the objective of bonding e.g. glass to metal (especially aluminium/stainless steel), glass to stone (granite), laminated safety glass (LSG) to LSG, metal to tempered safety glass (TSG).

Due to its purity Vitralit® 6135 is also ideal for bonding sensors and optical components.

**Shelf life:**

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

The information contained in this technical data sheet is of a general nature and provided for information only. Panacol does not warrant any of the data. It is the user's responsibility to determine the suitability of this product for any intended use. Panacol recommends that each user adequately tests its proposed use and application before actual repetitive use, using the data in this data sheet as a general guideline. The user assumes all risk and liability connected with the use of this product. The user should adopt such precautions as may be advisable for the protection of property and persons against any hazards that maybe involved in this product's handling or use. Panacol specifically disclaims any liability for consequential or incidental damages of any kind arising from the handling or use of this product. The information contained in this technical data sheet offers no assurance that the product use, application, or process will not infringe on existing patents or licenses of others. Nothing in this technical data sheet transfers or grants license for the use of any patents, tradeseecrets, intellectual property, or confidential information that is the property of Panacol.

## Technical Data

Color	transparent
Resin	acrylate

## UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa·s]	PE-Norm P001	300 to 600
Flash point [°C]	PE-Norm P050	> 100
Density [g/cm³]	PE-Norm P003	approx. 1.05
Refractive Index [nD20]	PE-Norm P018	1.47

## Curing

UV(UV-A 30mW/cm² in 50µ): [sec.]	PE-Norm P002	6
Visible Light (9W Röhre) :[sec.]	PE-Norm P037	10
Full Strength [hours]	PE-Norm P032	12

## CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-20 to 120
Hardness [Shore D]	PE-Norm P052	70 to 80
Shrinkage [%]	PE-Norm P031	3
Tg [°C] (DSC)	PE-Norm P009	> 56

**Adhesives  
and more...**

### Mechanical Data

Compression Shear Strength (Glass/Glass) [MPa]	[PE-Norm P061]	approx. 18,2
Compression Shear Strength (Glass/Alu) [MPa]	[PE-Norm P061]	approx. 18,1
Compression Shear Strength (Glass/Stainless Steel) [MPa]	[PE-Norm P061]	approx. 17,0

### 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.

Adhesives  
and more...