



## Mounting adhesive, polyester-acrylic based

**Basis**                      unsaturated polyester resin with acrylic monomers

RRS 2203		Control with standard- filler	AKTISIL VM 56
UP / Acrylic resin		50	50
Standard filler		45	35
AKTISIL VM 56	(1)	---	10
Peroxide		5	5
Total parts by weight		100	100

**Properties**

tested bonding: steel to ceramics			
Lap shear strength	N/mm <sup>2</sup>	14-15	18-20
Enhancement lap shear strength	%	---	+31

**Recommendation**    AKTISIL VM 56    improved strength properties, covalent bond with the polymer

Not tested, however recommended as well:

- SILLITIN V 85        standard product, balanced price/performance ratio
- AKTIFIT VM         same as Aktisil VM 56, but hydrophobic, improved dispersion, highest brightness and color neutrality
- AKTIFIT PF 111     same as Aktifit VM, but higher rheological activity
- AKTISIL MAM        lower viscosity, higher polarity and reactivity through methacrylic groups
- AKTIFIT Q          same as Aktifit VM, but higher polarity and reactivity through methacrylic groups

**Suppliers**            (1)    HOFFMANN MINERAL

**More information on this topic:**

[Neuburg Siliceous Earth in CR \(polychloroprene\) and UP \(unsaturated polyester resin\) adhesives](#)

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