

## Vario® DoubleFit

### Multi-component adhesive sealant

Properties	Sign	Unit	Performance characteristics	Norms
Material			2 adhesive sealants based on modified acrylate dispersions	-
Temperature resistance		°C	- 40 to + 100 (after curing)	-
Processing temperature		°C	from + 5 to + 40	-
Consistency			Pasty-elastic	-
Curing rate			1-2 mm/24h at 23 °C and 50% rel. humidity (adhesion of ISOVER Vario® vapor retarders on absorbent substrate). For deviating conditions the curing rate differs from this data.	-
Aging resistance			Permanent elastic adhesive behavior	-
Shelf life		°C	24 months for a storage temperature of + 5 to + 40 (pH-value can decrease slightly during storage)	-
pH-value			7 to 8	-
UV resistance			Should be protected against UV radiation	-
Environmentally friendly			<ul style="list-style-type: none"> <li>- Free of solvents, isocyanates, PVC, heavy metals and halogens.</li> <li>- Odor-neutral</li> <li>- Only REACH-registered raw materials are used.</li> <li>- No subject to labelling acc. to valid Ordinance on Hazardous Substances and to guidelines of the CPL regulation.</li> </ul>	
Suitable substrates			Masonry, concrete, aerated concrete, plaster, wood and metal	
Application areas			For the preparation of air-tight connections of the ISOVER smart vapor retarders Vario® KM and Vario® KM Duplex UV and of PE-foils to building components.	
Instructions for use			<ul style="list-style-type: none"> <li>- Substrate has to be dry, clean and viable.</li> <li>- Substrate and/or smart vapor retarder has to be absorbent or open to diffusion.</li> <li>- In case of uncertainties regarding adhesion to the substrate, a test adhesion should be performed, if necessary using a supporting lath.</li> </ul>	
Processing instructions			<ul style="list-style-type: none"> <li>- The adhesive sealant is frost-resistant to -25 °C, but has to reach processing temperature before processing.</li> <li>- Application of the adhesive sealant with a bead diameter of 6 – 8 mm with good adhesion to the substrate.</li> <li>- Press the smart vapor retarder on the bead between two fingers, so that the thickness of the adhesive sealant is &gt; 4 mm in the middle of the bend and 1 – 2 mm at the edges.</li> </ul>	
EMICODE® EC1 PLUS			 <p>ISOVER products with the seal EMICODE® EC1 PLUS are more than ten times lower in emission as required by EU. This way after 28 days TVOC-Values of at most 60 µg/m³ (instead of the EU-critical value 1,000 µg/m³) are achieved. Even after initial testing the products are tested repeatedly and on a random basis by independent laboratories regarding VOC, carcinogenic materials and solvents. The EMICODE-Seal on ISOVER Vario® products is a sign of high sustainable environmental quality, healthy indoor air and very low emissions.</p>	
A+ (VOC-Decree)			 <p>* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions). (Information about the degree of emission of volatile substances in indoor air that depict a toxic risk during inhalation, on a scale of A+ (very low emission) to C (high emission).)</p>	

Delivery forms						
	m²/roll	Pieces/package	Packages/palette	Content ml	Width mm	R <sub>D</sub>
<b>Cartridge</b>	-	12	75	310	-	-
<b>Tubular bags</b>	-	12	50	600	-	-

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