

DUDIVIL VR 16

Polyvinylacetate aqueous dispersion adhesive for lamination and assembly

CHARACTERISTICS

- Good setting speed
- High tear strength and heat resistance
- Durability class D3 (UNI EN 204), durability class D4 with hardener addition.

TECHNICAL DATA

Base	Vinyl polymer	
Appearance and colour	Liquid	Milky white
Viscosity, Brookfield, 20rpm (DIN EN ISO 2555)	approx.	17500 mPas
pH a 20°C	approx.	3
M.F.F.T.	approx.	3 °C

APPLICATIONS

DUDIVIL VR 16 can be employed whenever high moisture resistance is required. It is suitable for bonding of hard wood for the production of windows, for lamination of particle boards with laminates, decorative papers, veneers, etc... and for assembly. It meets the requirements of strain group D3 of UNI EN 204. With addition of suitable hardeners it meets strain group D4 (UNI EN 204). The adhesive is characterized by good penetration of the support, high cohesion, good setting speed and high tear strength.

INSTRUCTIONS FOR USE

Room and materials	>18 (>64)	°C (°F)
Materials moisture	8-12	%
Pressing time		
(laminate/chipboard)	coating weight: 80 g/m ²	approx. 330 sec at 20°C (68°F)
		approx. 80 sec at 40°C (104°F)
		approx. 55 sec at 60°C (140°F)
	coating weight: 100 g/m ²	approx. 440 sec at 20°C (68°F)
		approx. 100 sec at 40°C (104°F)
		approx. 80 sec at 60°C (140°F)
	coating weight: 120 g/m ²	approx. 600 sec at 20°C (68°F)
		approx. 130 sec at 40°C (104°F)
		approx. 80 sec at 60°C (140°F)
	coating weight: 140 g/m ²	approx. 770 sec at 20°C (68°F)
		approx. 130 sec at 40°C (104°F)
		approx. 80 sec at 60°C (140°F)

Mixture adhesive/hardener

100 p/p Dudivil VR16

5 p/p Vildur L201

The mixture has a pot life of up to 8 hours at 20°C (68°F).

STORAGE

12 months in cool and dry environment (15-25°C) if properly kept in the original packages. Protect from frost, do not keep at temperatures below +10°C. A stock rotation is anyway suggested.

PACKAGING

Buckets kg 20 – IBCs.

SAFETY

For further information on handling, transportation and disposal please see the Material Safety Data Sheet.

NOTE

Application recommendations and information provided herein are based upon our knowledge and experience. However they provide neither any performance guarantee nor any liability due to different materials and application parameters, that are beyond our control. We recommend to perform preliminary trials to check the suitability of our adhesives for actual conditions and materials.

This is an experimental product. We do not have extensive experience yet. Therefore we cannot give any guarantee regarding the behavior of the product during processing or use.

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DURANTE & VIVAN S.P.A.
33080 Ghirano Di Prata (Pn) Italy
Via G. Garibaldi, 23 - Tel. +39 0434 605211
info@durante-vivan.com - www.durante-vivan.com

Ufficio Vendite Italia Tel. +39 0434 605220 - Fax +39 0434 605209
Ufficio Vendite Estero Tel. +39 0434 605242 - Fax +39 0434 605205
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