

DUROXILL 848

Industrial urea-formaldehyde adhesive

CHARACTERISTICS

- UF adhesive with incorporated hardener
- Medium setting
- Suitable for high frequency uses

TECHNICAL DATA

Base	Urea-formaldehyde condensate self-hardening power	
Appearance and color	Natural and walnut	
Viscosity, Brookfield (DIN EN ISO 2555)	5000	mPas @ 20(68) °C(°F)
Gel time (Sol. 2:1)	100-160	min. @ 30(86) °C(°F)
	5-7	min. @ 60(140) °C(°F)
	32-38	sec. @ 100(212) °C(°F)

APPLICATION

Duroxill 848 is an urea-formaldehyde one shot powder adhesive with a low formaldehyde emission. It is used for bonding veneers to hollow cored, chip board, multilayer, two-layer panels and fiberboard in hot and high frequency presses. It is used also dissolved in water for the manufacture of two-layer panels, lath product, multilayer panels and for their wrapping with papers and veneers.

INSTRUCTIONS FOR USE

Room and material temperature	>18 (>64)	°C(°F)
Materials moisture	8-12	%
Pressing time	approx. 4	min. @ 80(176) °C(°F)
	approx. 2	min. @100(212) °C(°F)
Mixture adhesive/hardener	100 pbw	Duroxill 848
	50 pbw	Water

The mixture has a pot life of up to 11 hours at 20°C (68°F). The pot life is reduced with increasing temperature (3 hours at 30°C).

AVAILABLE COLOUR

Natural and walnut.

STORAGE

6 months in cool and dry environment (15-25°C) if properly kept in the original packages. Protect from warm, do not keep at temperatures above +30°C. A stock rotation is anyway suggested.

PACKAGING

25 kg bags.

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.

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DUROXILL 850

Industrial urea-formaldehyde adhesive

CHARACTERISTICS

- UF adhesive with incorporated hardener
- Long life time
- Excellent coverage

TECHNICAL DATA

Base	Urea-formaldehyde condensate self-hardening power	
Appearance and color	White powder and walnut	
Viscosity, Brookfield (DIN EN ISO 2555)	Approx. 7000	mPas @ 20(68) °C(°F)
Gel time (Sol. 2:1)	140-280	min. @ 30(86) °C(°F)
	9-11	min. @ 60(140) °C(°F)
	48-52	sec. @ 100(212) °C(°F)

APPLICATION

Duroxill 850 is an urea-formaldehyde one shot powder adhesive with low formaldehyde emission.

It is used for bonding veneers to hollow cored, chip board, multilayer, two-layer panels and fiberboard in hot and high frequency presses.

It is used also dissolved in water for the manufacture of two-layer panels, lath product, multilayer panels and for their wrapping with papers and veneers.

Thanks to its particular formulation, this adhesive is suitable for use in the manufacture of E1 class articles.

INSTRUCTIONS FOR USE

Room and material temperature	>18 (>64)	°C(°F)
Materials moisture	8-12	%
Pressing time	Approx. 6	min @ 80(176) °C(°F)
	Approx. 3	min @ 100(212) °C(°F)
Mixture adhesive/water	100 pbw	Duroxill 850
	50 pbw	Water

AVAILABLE COLOURS

Natural and walnut.

STORAGE

6 months in cool and dry environment (15-25°C) if properly kept in the original packages. Protect from warm, do not keep at temperatures above +30°C. A stock rotation is anyway suggested.

PACKAGING

25 kg bags.

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.

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