

UZIN RM-56

Water dispersion wood adhesive (D4) for in and outdoor uses

Description:

Aqueous dispersion glue with a high solid content of polyvinyl alcohol, free of formaldehyde (ISO 15373), 1-component with very high-water resistance, class D4, according to the EN204 standard. Suitable glue for internal and external welding, where high strength and waterproofing are required, e.g.:

- ▶ Wooden structures for balconies, terraces, gardens, etc.
- ▶ Wooden support beams etc.
- ▶ Welding of all woods that receive strong moisture
- ▶ Shipbuilding applications
- ▶ Furniture that requires high strength and intense stress, from loads, UV radiation, etc.
- ▶ Wood frames etc.

Product properties/benefits:

Ready to use, high viscosity, water-based, white dispersion adhesive in a practical applicator bottle.

Composition: Poly vinyl acetate

- ▶ Rapid drying / dries transparent
- ▶ High final strength
- ▶ Semi-rigid / flexible
- ▶ Good water-resistance
- ▶ Classification D4
- ▶ Solvent-free

Technical specifications:

Packaging:	Plastic bucket PE
Sizes:	4kg
Storage:	min. 12 months
Color:	White/crystal (when dries)
Consumption:	800 –1200 g/m ²
Working temperature:	min. 15°C at ground level
Working time:	approx. 30 minutes*
Ready for load-bearing:	After 2 –3 days*
Grinding:	After adhesive has cured

* At 20 °C and 65% relative humidity.

Consumption:

Consumption (acc. to size of joint)	5- 30 g / lin. m.
810 g bottle is sufficient for	approx. 25-150 lin.m.

Technical Characteristics:

Solids:	48±2 % MVPF 01
Viscosity:	7000±3000 UNI EN ISO 2555
Storage:	6°C UNI 8490-14
Density:	1.1 Kg/dm ³ MVPF 18
Thermal resistance	Excellent EN 14257 (WATT '91)
Creep resistance	Excellent EN 14256
Water resistance	Class D4 EN 204
Formaldehyde free	ISO 15373

Substrate preparation:

The surface must be sound, dry, absorbent, clean and free from materials that would impair adhesion.

Application

- ▶ Cut off the tip of the nozzle at an angle to give the required size of opening.
- ▶ Apply adhesive to the upper surface of the tongue or into the groove. Then push the wood components together within the open time and, if necessary, knock together with a mallet or hammer.
- ▶ If the correct quantity is applied, a small amount of glue will squeeze out of the joint.
- ▶ With pre-finished wood flooring and laminate flooring, immediately wipe off any excess adhesive with a damp cloth.

Important notes:

- ▶ Shelf-life minimum 12 months in original container when stored in relatively cool conditions. Protect from frost.
- ▶ Optimum working conditions are 18-25 °C/ 64-77 °F, relative humidity < 75%

Protection of the workplace and the environment:

Skin Sens. 1: H317 - May cause an allergic skin reaction.

P101 If medical advice is needed, have a product container or label at hand. P102 Keep out of reach of children. P261 Avoid breathing vapours
P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of the contents/containers in accordance with the current legislation on waste treatment.
EUH204 Contains isocyanates. May produce an allergic reaction.

Contains Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

Substances that contribute to the classification: Hexamethylene diisocyanate, oligomers (CAS 28182-81-2).

As from 24 August 2023 adequate training is required before industrial or professional use.

Maximum V.O.C. content: 0,71 g/L (20 °C)

Information for persons with allergies is available at Poison Center +30 210 7793777 (Greece).

Disposal:

08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09. Dispose of empty packaging according to local regulations or recycle. Collect waste material, allow it to dry out and harden and then dispose as Construction Waste.