

Transparent adhesive

# UZIN CRYSTAL E4

Water based adhesive for wide range of wood-bonding

**Description:**

White water-soluble adhesive made from PVA emulsion for high performance wood adhesion with wide range of applications. Suitable for bonding various types and qualities of woods, also for parquet joints, plugs, pins etc. When dries it turns transparent (crystalized). For interior applications.

Special suitable for bonding of:

- ▶ Furniture and wooden constructions made of soft kind of woods.
- ▶ Beams and balks parquet workings made from hard and soft wood types e.g. beech, oak, pine, walnut, etc.
- ▶ Chipboard MDF, OSB, veneer, formica, chipboard etc.
- ▶ Tenons from different types of wood
- ▶ Paper, cardboard and their derivatives

**Properties/advantages:**

Ready for use water-based emulsion of PVA adhesive with high viscosity, white colored, that when dries it turns to transparent. Also available in small, handy, DIY sizes.

Composition: PVA, plasticizers.

- ▶ Wide range of applications
- ▶ Dries fast /transparent when dries
- ▶ High performance
- ▶ Hard elastic /elastic
- ▶ Solvent free

**Technical Data:**

Package:	Plastic container from PE
Sizes:	250ml, 450ml, 500 gr, 900gr, 5kg, 12kg and 30kg
Storage:	minimum 12 months
Color:	white
Consumption (total surface):	800 –1200 g/m <sup>2</sup>
Working Temperatures:	minimum 15°C
Open time:	approx. 30 minutes*
Load bearing:	after approx. 2 –3 days*
Grinding:	Immediate after

\* At 20°C and 65% relative humidity

**Consumption:**

Consumption (acc. to width of joint)	5- 30 g / lin. m.
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Package of 450ml is enough for:

Approx. 25-150 lin. m

**Substrate preparation:**

The substrate must be level, sound, load bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease), that would impair adhesion.

**Application:**

1. Stir well the adhesive in wide mounted containers, cut the tip of the nose as much as desired to adjust the desired flow in nozzle containers.
2. Apply adhesive uniformly with suitable notched trowel onto the substrate. Do not apply more adhesive to the substrate than can be laid with good wetting of the back of the wood flooring within the working time. Press down the Wood flooring element well.
3. Clean tools with water immediately after use. Remove adhesive residues while fresh with water. Dried remnants could be cleaned by organic solvents.

**Important notes:**

- ▶ Shelf life at least 12 months in original packaging when stored dry in moderately cool conditions. Frost-resistant to -12°C. Tightly re-seal opened packs and use the contents as quickly as possible.
- ▶ Optimum working at 18-25°C, floor temperature above 15°C and relative humidity below 65%. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the installation, setting and drying time.

**Protection of the workplace and the environment:**

Solvent-free. Non-flammable. Requires no special protection or precautions in general use. When fully dried, has a neutral odor and presents no physiological or ecological risk. **Information for persons with allergies is available at +30 210 7793777 (Greece).**

**Disposal:**

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers, or ground. Empty, scraped and drip-free plastic containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.