



TECHNICAL DATA SHEET

EZY

Two component waterborne finish for wood floors



5 + 0,25 Lt



DESCRIPTION

Polyurethane water based finish for treating wood floors.

Thanks to the DCS (Dual Curing System) technology, EZY can cross-link both as a single component product and, after the addition of its hardener, as a two-component product. Thanks to this particular "double cross-linking", EZY is outstanding for its speed of drying when used as a single component product directly on wood (ideal for extremely fast cycles) and, when used as a two-component product, it features high resistance to abrasion, to rubber marks and to chemical products, making it an excellent product for treating environments subject to heavy traffic (salons, shops, etc.).

Furthermore, EZY is also outstanding for the ease with which the 2 components are mixed simply by adding component B to the container of component A and stirring without any particular mixing procedures. Available in 10, 30 and 60 gloss, it maintains the natural look of the wood thanks to its high level transparency, guaranteeing an excellent coverage and filling capacity, even when only two coats are applied (first coat single component, second coat two component). The superb flow of the film, even when applied thickly, complete the characteristics of a product which is unique in its kind. It guarantees an excellent final look even under the most extreme environmental conditions.

TECHNICAL DATA CHEMICAL-PHYSICAL CHARACTERISTICS at 20°C (indicative values not constituting product specifications):

Catalysis ratio (vol/vol)	10:0.5
Dust dry Single component (min.)	15
Impression dry Single component (min.)	35
Dry for sanding Single component (hours)	3/5
Dust dry A+B (min.)	20
Impression dry A+B (min.)	40
Overcoating without sanding A+B (hours)	After 2 hours, within 5 hours
Dry for sanding A+B (hours)	12/16
Light traffic (hours)	24/36
Careful use (days)	3/5
Completely dry (days)	7
Degree of gloss EZY X-MATT (gloss)	10
Degree of gloss - "EZY 30 (gloss)	30
Degree of gloss EZY 60" (gloss)	60
Taber Test Single component (1000 revs., 1000 g, abrasive wheel CS10) (mg)	30
Taber Test A+B (1000 revs., 1000 g, abrasive wheel CS10) (mg)	20
Method of application	Roller 6mm , brush
Average coverage per coat (g/m ²)	90/120
Adhesion (checkering) (%)	100
Stability and storage (in original unopened containers stored in a cool dry place) (months)	12
Calculated VOC Single component (g/lit)	60
Calculated VOC A+B (g/lit)	80
Max. permitted dilution (EC Dir.2004/42)	10% SOLUZIONE (drying improver)
To clean tools	W-Cleaner – Solvente Lavaggio
Standard size (Lt)	2x5.25

APPLICATION

FAST CYCLE: apply a first coat of single component EZY directly on the wood and after about 3/5 hours, sand with a fine abrasive screen (180/220 grit). Mix component A with component B of EZY, in the amounts stated, simply shake the contents inside the container, then apply a uniform second coat.

TRADITIONAL CYCLE: before application, the surface must be treated with a water based primer or a Vermeister two-component solvent based primer.

In the latter case, it is necessary to bear in mind that those species of wood subject to strong oxidization (dousiè, iroko, etc.) acquire a very dark colour when they are coated with solvent based primers.

For this reason, the barrier created by the polyurethane primer must be continuous and uniform over the whole surface in order to prevent the formation, over time, of unpleasant lighter coloured stains. Care must be taken not to break through the layer of primer when sanding.



5 + 0,25 Lt



Mix component A with component B, in the prescribed proportions, even by simply shaking them in the container.

Apply EZY evenly. Usually at this point the coating is complete. If another coat needs to be applied, it can be done after 2-5 hours without sanding. If overcoating is performed more than 5 hours later, the surface must be sanded before applying the finish to prevent separation from occurring.

EZY should not be used on solvent based semi-gloss/matt polyurethane moisture-cure finishes in order not to run the risk of flaking in the case of insufficient sanding.

The product can be diluted with 5 – 10% of SOLUZIONE after the two components have been mixed together, to increase the open time.

If the product is diluted with any more than the quantities stated above, coverage may be reduced with a consequent lack of uniformity in the finished appearance.

MAINTENANCE

The maintenance of finished floors must only be carried out using DETERGENTE NEUTRO and/or IDRONET.

Do not use alcohol, ammonia or detergents for hard surfaces.

For further information see the MAINTENANCE SHEET.

NOTES

IMPORTANT: USE ONLY THE APPROPRIATE COMPONENT B.

Do not replace any leftover product in the container!

The application of single component waterborne products on solvent based sealer and finishes may lead to separation if the sanding operation is carried out too lightly.

In these cases, use of Vermeister two component waterborne finishes is recommended.

If the product is used on exotic and/or little known woods, it is always advisable to carry out preliminary tests as in some cases (e.g. on IPE LAPACHO) the application of waterborne finishes directly on the wood or on primers that are not perfectly insulating, may cause a considerable reddening of the film.

Do not apply the product below 10°C or above 30°C.

Shake well before use – Store above freezing

Product subject to the restrictions provided for by EC Dir.2004/42

DRY FOR SANDING: interval before the floor is ready for sanding

LIGHT TRAFFIC: interval before several people can walk on the floor.

CAREFUL USE: interval before the floor is ready for moderate use.

COMPLETELY DRY: interval before the floor is ready for complete use: e.g. for furniture removal, to allow other craftsmen to carry out work, to start maintenance of the floor, etc.

Safety precautions. Keep the product in a tightly closed, upright container in a cool place away from sources of heat. The product is classified and coded in compliance with EC Directives/regulations concerning hazardous substances. The information for the user is given in the relevant safety sheet. Empty containers or those containing slight traces of the product must be disposed of in accordance with local regulations. Vermeister S.p.A. guarantees that the details given in this sheet are provided to the best of the company's technical-scientific knowledge and experience; however, the company cannot be held responsible in any way for the results obtained with the products as the conditions of application are beyond the company's control. It is always advisable to check the suitability of the product to each specific circumstance. This sheet cancels and replaces all previous editions.