



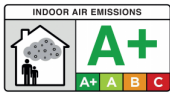
TECHNICAL DATA SHEET

IDRO 2K

Two component waterborne finish for wood floors



1 Gal. A+B



DESCRIPTION

Two component polyurethane waterborne non-yellowing finish available in the versions X-MATT, SATIN and SEMIGLOSS. In the X-MATT version, IDRO 2K confers a “natural wood” effect to wood floors and the floors treated with this finish acquire a natural appearance, a uniformity and cleanliness that can only be compared to the results achieved with impregnation cycles using oil and/or wax. The EC1 classification certifies the very low level emission of volatile organic compounds both when the product is applied and when the floor is in use. Apart from these features regarding appearance, IDRO 2K combines qualities of resistance to abrasion and rubber marks never before achieved by waterborne products, and so it is even recommended for use on heavy duty floorings (in salons, shops, etc.). If it is applied directly without a primer, it brightens up the colour of the wood quite considerably, without leading to yellowing over time.

TECHNICAL DATA CHEMICAL-PHYSICAL CHARACTERISTICS at 65°F (indicative values not constituting product specifications):	
Catalysis ratio (vol/vol)	10:1
Dust dry (minutes)	25
Impression dry (minutes)	40
Overcoating without sanding (hours)	After 3 or within 5
Dry for sanding (hours)	12/16
Light Traffic (hours)	24/36
Careful Use (days)	3/5
Completely Dry (days)	7
Degree of gloss - 2K X-MATT (gloss)	10
Degree of gloss - 2K SATIN(gloss)	30
Degree of gloss - 2K SEMIGLOSS (gloss)	50
Taber Test (1000 revs., 1000 g, abrasive wheel CS10) mg	10
Application method	Roller 3/8" , brush, pad, T-bar
Average coverage per coat (sq.ft./Gal.)	350/500
Adhesion (checkering) (%)	100
Stability and storage (in original, unopened containers stored in a cool, dry place) (months)	12
US Regulatory VOC Compliant (g/lit)	184
Max permitted dilution	10% SOLUZIONE (drying improver)
To clean tools	Hydroalcoholic solution
Standard packaging(Gal.)	4x1 (A+B)

APPLICATION

Sand and prepare floor using NOFMA-NWFA accepted methods. Before proceeding with the application, the surface must be treated with a Vermeister waterborne sealer. Mix component A with component B, in the prescribed proportions, stirring continuously to prevent the formation of skin or lumps. If these impurities should be noticed, it is advisable to filter the product before use. Apply IDRO 2K in a uniform way. Usually at this point, the finish is complete. If it should be necessary to apply another coat, it can be done after 3-5 hours without sanding. If the interval before overcoating should be longer than 5 hours, the floor must be sanded before applying the finish to prevent separation from occurring. Alternatively, IDRO 2K can be applied directly on the wood instead of the sealer. To facilitate the application of the product, it can be diluted with 5 – 10% of SOLUZIONE after the two components have been mixed together. If the product is diluted 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.





SPECIAL RECOMMENDATIONS

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. Always prepare a test area to verify the compatibility of the products used and verify that the final outcome is the desired.

Vermeister always recommends the use of two-component sealers or finishes on stains. Allow stains to dry according to the manufacturer's recommendations.

NOTES

IMPORTANT: ONLY USE THE APPROPRIATE COMPONENT B.

Do not put any leftover product back into the container!

Mix the two components together carefully in a flat bottomed container.

Do not apply the product below 50°F or above 85°F.

Stir well before use – Store above freezing.

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

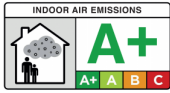
LIGHT TRAFFIC: interval before several people can walk on the floor.

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.



1 Gal. A+B



Safety precautions. Keep the product in a tightly closed, upright container in a cool place away from sources of heat. 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 America, Inc. 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. FOR TECHNICAL ADVICE call Vermeister America, Inc. at (800) 532- 1308.