



TECHNICAL DATA SHEET

VELVET

Single component waterborne treatment with soft-touch effect



5 Lt - 0,5 Lt IMPROVER



DESCRIPTION

Single component polyurethane waterborne finishing treatment with S-XL technology (Self Cross-Linking System), formulated with renewable raw materials. Floors treated with VELVET have a completely natural appearance and a unique velvety feel to the touch. Thanks to the high solid content and the extraordinary speed of drying, the product allows very fast work cycles to be carried out (1-2 hours according to environmental conditions). Another very important feature is the ease with which the floors can be touched up if the surface is damaged or in the event of localised defects: in fact, work can be carried out just on those areas by marking them off with tape, sanding them and then reapplying the product. When the surface is dry, there are no signs of marks or imperfections. For rooms subject to heavy traffic, we recommend adding 10% VELVET IMPROVER to the last coat.

TECHNICAL DATA CHEMICAL-PHYSICAL CHARACTERISTICS at 20°C (indicative values not constituting product specifications):	
Dust dry (minutes)	20
Impression dry (minutes)	35
Dry for sanding (hours)	2
Light Traffic (hours)	8/16
Careful Use (days)	2/3
Completely Dry (days)	7
Dry for sanding with VELVET IMPROVER (hours)	12/16
Light Traffic with VELVET IMPROVER (hours)	24/36
Careful Use with VELVET IMPROVER (days)	3/5
Completely Dry with VELVET IMPROVER (days)	7
Degree of gloss (%)	5
Taber Test (1000 revs., 1000 g, abrasive wheel CS10) (mg)	40
Taber Test (1000 revs., 1000 g, abrasive wheel CS10) with VELVET IMPROVER (mg)	25
Application method	Roller, brush
Average coverage per coat (g/m ²)	80/100
Adhesion (checkering) (%)	100
Stability and storage (in original, unopened containers stored in a cool, dry place) (months)	12
Calculated VOC (g/lit)	75
Calculated VOC g/lit with VELVET IMPROVER	95
Max permitted dilution (EC Dir.2004/42)	10% SOLUZIONE (drying improver)
To clean tools	Water / W-CLEANER
Standard packaging (Lt)	2x5 (IMPROVER 0,5)

APPLICATION

Sand and fill the floor using a 120/150 grit to finish. To fill the floor, Vermeister solvent based binders for fillers or waterborne binders can be used. Apply a first, even coat of VELVET with a roller or a brush. After 1-2 hours, according to environmental conditions, sand with a fine grit (180/240) and remove all the residue dust. Apply the finishing coat in the same way as described above. For places subject to heavy traffic (shops, offices, living rooms) use of the cross-linking agent VELVET IMPROVER is recommended in quantities of 10% as it greatly improves resistance to abrasion and to staining. The floor is ready for traffic after 12 hours.

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.





Lt 5 - Lt 0,5 IMPROVER



NOTES

The application of single component waterborne products on solvent based primers and finishes may lead to problems of separation if the sanding is carried out too lightly. Therefore, in these cases we recommend using two component waterborne finishes from the Vermeister range. If the product is used on exotic and/or little known woods, it is always advisable to carry out some preliminary tests as in some cases (e.g. on IPE LAPACHO) the application of waterborne products may cause a considerable reddening of the film.

Do not apply the product under 10°C or over 30°C.

Do not put any leftover product back into the container!

Mix the two components carefully in a flat bottomed container.

Then use the special bags provided to dip the roller into the product.

Stir well before use – Store above freezing.

Product subject to the restrictions prescribed 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.