



VERMEISTER®

SOLUTIONS FOR WOOD FLOORS



VELVET TECHNICAL GUIDE

V 2.0

(866) 413-5667

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Usage Guide



SHAKE WELL BEFORE USING

Shake Component A vigorously for 60 seconds.



STRAIN THE FINISH

Strain the product before using to remove any impurities with the provided stainer and/or painters cloth.



RETARDER

To slow down the dry time of Velvet use VerMeister's retarder, Soluzione. Add 5-10% (3-6 ounces per gallon) of Soluzione to Velvet after it has already been catalyzed and shake vigorously for 60-180 seconds. **IMPORTANT:** Do not exceed 10% dilution of Velvet with Soluzione.



VELVET IMPROVER: STIR WHILE CATALYZING

Pour Component B into A while stirring, following the prescribed proportions (10:1 Ratio). After the hardener has been added, reseal and shake vigorously for 60-180 seconds. It is extremely important to stir while mixing the two components to avoid the formation of skins or clots.

Disclaimer

The details contained in this chart are provided to the best of our knowledge but do not constitute supply specifications owing to the many different types of use and conditions of application.

Warranty

VerMeister America Inc. does not in any way warrant the merchantability or fitness of this product in any purpose, or provide any other warranty, expressed or implied. Any liability whatsoever of VerMeister America Inc. is limited to the replacement of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential.

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Quick Facts



Coverage	V.O.C.	
450 - 550 ft ²	180 g./l.	
Disc/Screen Before Velvet		
220 (20 Mesh) Screen or Maroon Pad with 3 Fine Grit 240 Strips		
Application Methods	Maximum Retarder Per Gallon	
Roller	3-6 ounces of Soluzione	
Dry for Screening	Sheen	
1-2 Hours	5 Gloss/Matte	
Storage	Shelf Life	Clean up
Cool Dry Place	12 Months*	Water

Description

Single component, waterborne, NMP-free polyurethane finish with low VOC and S-XL (Self Cross-Linking System) technology. Velvet is partly formulated with renewable raw materials and for this reason, it is ideal for use in bio-housing and building work. The appearance of floors treated with Velvet is completely natural and, moreover, they have a unique, velvety feel to the touch. Thanks to its high solid content and the extraordinary speed with which it dries, it can be used for extremely fast finishing cycles: the first coat is applied to the wood, there is an interval of 1-2 hours according to environmental conditions, the floor is lightly sanded and then the second and final coat is applied. Another very important characteristic is the ease with which the floor can be touched up. If the surface is damaged in any way, or if there are any localized faults, the floor can be touched up just in the affected area. The area simply has to be marked off with some tape, then sanded and the finish can be reapplied. When the floor has dried, there are no traces of marks or imperfections. For rooms with heavy traffic, it is advisable to add 10% of Velvet Improver to the final coat.

Tips

- If your application tool feels sticky while applying Velvet, add 5% of Soluzione after the finish has been catalyzed (two components mixed) and shake vigorously for 60-180 seconds. If Soluzione is not available, water can be used as a substitute.
- If you are working in dry or very warm conditions, use Soluzione to slow the drying of Velvet. Add 3-6 ounces of Soluzione (per gallon) to Velvet after it has been catalyzed and shake for 60-180 seconds.
- Unused portions of an open gallon should be used within 2-4 weeks and strained with painters cloth to remove the excess skin and/or clumps.
- **NOTE:** If the product is used on exotic and/or little known woods, it is always advisable to carry out some preliminary tests because the application of waterborne finishes directly on some woods (e.g. IPE, LAPACHO) or on primers that are not perfectly isolating may lead to a considerable reddening of the film.
- Use Velvet Improver with the final coat to improve the durability.
- **Turn Air Conditioning off 1 hour prior to applying Velvet.**

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Technical Details

Floor Preparation

Sand and prepare floor using NFWA or NOFMA accepted methods. To optimize coverage of the finish and to improve the final appearance of the work, it is advisable to smooth the floor very carefully using a 150 grain mesh or higher.

Application

Shake well before using. **Apply the finish only with a roller** using a NFWA or NOFMA approved application method. Apply a first uniform coat of finish using a roller or a brush. After 1-2 hours, according to environmental conditions, abrade with a fine 220 grit screen or maroon pad with 3 fine grit 240 strips until the floor is uniformly dull and smooth, vacuum, and tack. Apply the finishing coat in the same way as described previously. For environments with heavy traffic (shops, offices, daytime living areas), we recommend using 10% Velvet Improver, a polyurethane cross-linking agent that greatly improves resistance to abrasion and staining. The floor can be used after 12 hours.

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

Velvet Improver

Pour Velvet Improver (the catalyst) into Velvet, while stirring (If mixing partial containers, it is critical to follow the prescribed proportions of a 10:1 Ratio). It is extremely important to stir while mixing the two components to avoid the formation of skins or clots. After the finish is catalyzed, shake vigorously again for 60-180 seconds. It is also advisable to strain the product before using to remove any impurities. Catalyzed finish must be used within 4 hours (4 hour pot life) for best results.

Maintenance

For floor maintenance, use Detergent Neutro and Idronet, according to the quantities stated on the relevant technical data sheets.

Curing

Allow the final coat to dry for at least 12 hours before use. The curing process takes approximately 7 days (75% cured after 1 day, 90% after 3 days). Do not place area rugs on the floor until the finish has cured fully. The floor may be walked on after 24 hours but is susceptible to scuffing or marring prior to completion of the curing process. Do not use cleaner during this 7-day cure time.

Caution

- Low temperatures, high humidity and poor air circulation can increase dry times.
- Do not recap finish/hardener mixture (if Velvet Improver was used) after 4 hours to avoid pressure build-up. Allow mixture to completely harden before disposing of in accordance with local, state, and federal regulation.
- Keep product from freezing and extreme heat (Store at 55°-70°F)
- For professional use only. Always wear protective gear (Respirator, Dust Masks, Gloves) when sanding wood floors and/or using this product. Refer to the relevant Material Safety Data Sheet (MSDS).

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