

AQUA TENAX

Technical data sheet

 Art. Code: **506204**
Two-component waterborne sealer for wood floors

Rev.2 dated 08 January 07

DESCRIPTION:

Two-component waterborne NMP-free sealer with a very low content of VOC (volatile organic compounds). It features a high level insulating capacity, excellent coverage, good sandability and ease of application. The most important feature of this finish is that it minimizes problems of overlapping. AQUA TENAX has been formulated to give a pleasant tone to the wood without causing unwanted changes to the colour, especially on those woods with a high content of tannin and other water soluble colouring substances (oak, teak). For this reason, it is recommended particularly for difficult woods such as IPE LAPACHO when browning or reddening would be undesirable. Thanks to its high solid content, AQUA TENAX can be used with two-component finishes from Vermeister's "100% AQUA" range for carrying out a two-coat finishing cycle.

CHEMICAL – PHYSICAL CHARACTERISTICS at 20°C:

| | |
|---|-----------------------------------|
| Catalysis ratio A:B (vol/vol) | 5:1 |
| Viscosity comp. A (Ford cup Ø=4) | 16 sec |
| Viscosity comp. B (Ford cup Ø=4) | 22 sec |
| Specific weight comp. A | 1.030 Kg/dm ³ |
| Specific weight comp. B | 1.075 Kg/dm ³ |
| Dry for sanding | 12 hours |
| Overcoating | After 4 hours and before 12 hours |
| Pot-life | 2 hours |
| Method of application | 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) | 12 months |
| Calculated VOC g/lit | 115 |
| Max permitted dilution (Dir.2004/42/EC) | 10% SOLUZIONE (drying regulator) |
| To clean tools | W-CLEANER/SOLVENTE LAVAGGIO |
| Standard size (Lt) | 2x(6) |

APPLICATION:

To optimise the coverage of the finish and to improve the final appearance of the work, it is advisable to sand the floor very carefully, using at least a 180 grit paper last and removing all traces of dust.

Mix the two components very carefully and apply to the floor. The product may be diluted with water up to 10%.

RECOMMENDED CYCLES:

FINISH WITH TWO-COMPONENT FINISHES of the Vermeister range

Apply a coat of AQUA TENAX.

After 12 hours sand with a very fine grain sandpaper (at least 180), carefully remove all dust and apply a coat of the two-component waterborne finish (IDRO 2K, HI TECH 2K, AQUA 2).

FINISH WITH SINGLE COMPONENT FINISH of the Vermeister range

Apply a coat of AQUA TENAX.

After 2 hours the floor can be coated with a single component finish from Vermeister's "100% AQUA" range. The last coat is given the next day after sanding the floor with a very fine grain sandpaper (220).

For a gloss finish, the following cycle is recommended:

Apply a coat of AQUA TENAX, after 12 hours sand with a very fine grain sandpaper (at least 180), carefully remove all the dust and apply a coat of two-component or single component waterborne finish of the Vermeister range. Apply the gloss finish (AQUA1 90 – SILK 90) 3 – 5 hours later without sandpapering. In this way, the maximum gloss effect is achieved.

Low temperatures, high level humidity and poor air circulation can increase drying times.

Do not apply the product below 10°C.

Do not replace any leftover product in the container! - Shake well before use – Store above freezing

Product subject to the restrictions prescribed by Decree Law D.Lgs 161/06 - (Dir.2004/42/EC)

Safety measures

- 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 dry product must be disposed of in accordance with local regulations.

Vermeister S.R.L. 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 for each specific circumstance. This sheet cancels and replaces all previous editions.