



## TECHNICAL DATA SHEET

# ZEROMONO

Single component silane-terminated adhesive



12 Kg



### DESCRIPTION

Single component silane-terminated adhesive of very high quality featuring the exclusive PRHS technology (PERFECT RIDGE HEIGHT SYSTEM) to improve the rheology according to standard UNI EN 14293:2006. As ZEROMONO does not contain water, solvents, isocyanates, epoxy or amino compounds or heavy metals (tin), the product does not bear any health or risk warnings or symbols. ZEROMONO offers excellent adhesion on all subfloors as well as a permanent elasticity. These characteristics make it the ideal adhesive for laying multi-layer pre-finished wood floors and traditional solid wood floors of average sizes on any type of subfloor with or without underfloor heating. ZEROMONO does not affect the coating of pre-finished wood floors and for this reason does not leave marks; the spreadability, the coverage and the resistance to water have been improved as well as the soundproofing qualities which guarantee a greater acoustic comfort of the environment.

TECHNICAL DATA CHEMICAL-PHYSICAL CHARACTERISTICS at 20°C (indicative values not constituting product specifications):	
Open time (max. registration time) (minutes) UNI EN 14293	45-60
Open time (surface skin formation time) (minutes) UNI EN 14293	100-120
Tensile strength (N/mm <sup>2</sup> ) UNI EN 14293	> 1,5
Elasticity (mm) UNI EN 14293	> 2,0
Temperature resistance °C	From -40 to + 90
Ready for traffic (hours)	24
Interval before sanding (days)	4
Application method	Trowel
Average coverage (g/m <sup>2</sup> )	750/950
Stability and storage (in original, unopened containers stored in a cool, dry place) (months)	12
Standard packaging (Kg)	12

### APPLICATION

For lasting and effective adhesion, the subfloor must satisfy the following requirements:

- moisture below or equal to 2% measured in depth with a carbide hygrometer;
- absence of hygroscopic lightening material in the screed and adequate insulation if these materials are contained in the underlying layers;
- suitable surface finish, not too "rough" and not too smooth;
- absence of crumbling or flaking parts;
- absence of moving cracks or other obvious faults.

Before laying the floor, it is also necessary to check that the moisture of the wood corresponds with that of the environment.

Apply ZEROMONO using a suitable scratcher, taking care to "work" in any impurities on the subfloor that could cause separation. Lay the planks applying pressure and tapping them to allow them to settle properly. This operation is very important for all types of glue, but in the case of this category of adhesives, it is essential. Do not wet the ends or the sides of the planks with ZEROMONO. To lay wood floors on pre-existing floors, the surface must be degreased and roughened using appropriate metal scraper pads. To lay the wood floor on anhydrite screeds, the top surface must be removed using abrasive disks (16 or 24 grain), the dust removed and the treatment completed using Vermeister single component polyurethane or two component epoxy primers. The same procedure (with the exception of the removal of the top surface which must only be carried out if really necessary) also applies for all screeds made with pre-mixed self-levelling cement mortar, to reduce their power of absorption which could compromise the hardening of the adhesive. Before smoothing and finishing the floor, it is usually necessary to wait at least 4 days, under normal circumstances. This interval may be longer as a result of numerous factors (environmental temperature and humidity, the type of wood, etc.). Partially used containers must be covered with the special anti-oxidising under cap. The presence of a thin layer of hardened adhesive does not compromise the characteristics of the underlying adhesive.

### NOTES

If the product is stored for long periods at temperatures above 30°C, the stability time is shorter; at temperatures of over +40°C thickening may occur. Do not apply the product below 10°C or over 30°C. Product for professional use. Store above freezing.

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.