

VISCOL®

ADVANCED POLYMERS RESEARCH
HIGH TECHNOLOGY ADHESIVES

TECHNICAL SHEET



VISEDIL KE22

TWO-COMPONENT POLYURETHANE ADHESIVE FOR WOODEN FLOORS

DESCRIPTION

VISEDIL KE22 is a structural adhesive of high quality, consisting of a bi-component polyurethane system (A + B), specific for bonding wood floors. It is distinguished by the following characteristics: low shrinkage, water free, absence of flammable solvents. This product is specific for gluing wooden floors on concrete, marble, abraded ceramic, etc. Also suitable for under floor heating systems.

TECHNICAL DATA

Appearance of the base paste (component A): white thixotropic paste
 Appearance of the hardener (component B): liquid caramel colour
 Weight ratio of the mixture: 9:1 (comp. A 9 kg + comp. B 1 kg = 10 kg of final product)
 Minimum application temperature: +12 °C
 Specific weight: 1,54 Kg / L
 Pot Life: 60/70 min. at 25 °C
 Walkability after bonding: 10/12 h at 25 °C
 Waiting time for sanding: 3/4 days at 25 °C



INDICATIONS

Always check the subfloor and the humidity of the floor to be bonded using appropriate instruments.

2. Before installation, acclimate the wood elements and other products for the installation (adhesives, primers, varnishes) at a temperature between +15 °C and 35 °C.
3. Make sure that the laying environment humidity is less than 70%.
4. Do not apply in damp areas.
5. Do not glue the parquet in the perimeters (sides and heads).
6. Ventilate the area during application of the product.
7. Do not use glue to fill the cracks in the wooden floor.

For any questions about changes to operations, contact your technical service.

SURFACE PREPARATION

The surfaces to be bonded must be free of dust, mold release agents or other extraneous materials.

It is important to check the moisture content of the subfloor and the wood before gluing the floor, which must be less than 2% in cement screed and not more than 0.5% in anhydrite screed. The elements of the wooden floor must have moisture content from 7% to 9%.

The surfaces of concrete with high moisture content, too thin or dusting should be treated with Primer PN100. For bonding on existing floors such as ceramic and marble, it is desirable to improve the adhesion by sanding the surface and to remove sand as thoroughly as possible. In these cases, treat the surface with the adhesion promoter (SOLUZIONE KDM), before applying the glue.

PRODUCT PREPARATION

Pour the hardener (component B) in the base resin (component A) and mix thoroughly the two components (1 Kg comp. B in 9 Kg comp. A). The product should be mixed for about 5 minutes, preferably with an electric mixer at low speed to avoid overheating (drill 250/500 rpm).

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APPLICATION

Apply the adhesive to the substrate with a notched trowel, and then apply the wood element, making sure that the glue uniformly covers every point of contact on the surfaces. The equipment can be cleaned with nitro thinner or ethyl alcohol.

AVERAGE COVERAGE WITH THE USE OF A NOTCHED TROWEL

1000-1600 gr /mg. with the use of a notched trowel (depends on the conditions of the installation surface).

STORAGE

The product keeps the warranty in its original packaging (not altered) under standard conditions (15-35 ° C and 35-70% RH) for a period of 6 months. It is important to keep the product in a dry and ventilated area away from heat and direct sunlight.

PACKAGING

9 Kg PE bucket (component A)

1 Kg PE tank (component B)

NOTE

The information contained in this data sheet is based on our best knowledge and preparation.

However, this cannot be interpreted as a commitment to guarantee, since the means, place of employment and the application conditions are beyond our control. So we do not assume any liability for unauthorized use of the product as the advice given in this application is indicative. In the case where there is any doubt about the application, it is recommended to perform preliminary tests.

The company Viscol s.n.c. therefore reserves the right to change or update this sheet without notice.

Users of the product are advised to check that you have the latest update.

BEFORE USING THE PRODUCT ALWAYS CONSULT MATERIAL SAFETY DATA SHEETS