VINYL S 99

Vai a TDS

Adhesive

SOLVENT-FREE, DISPERSION ADHESIVE FOR VINYL AND TEXTILE FLOOR COVERING

PRODUCT DESCRIPTION

Vinyl S99 is a beige, fast drying, ready-to-use, solvent free dispersion base multipurpose adhesive used for interior installations of vinyl, textile, PVC floors and walls. The product is easy applicable and has good elasticity. Due to content of special additives the product is resistant to bacteria and mold.

FIELD OF APPLICATION

· For interior use
· For installation of vinyl, PVC, Textile and Linoleum
· For installation on heated floor
· For commercial and residential areas

SUITABLE SUBSTRATES

· Concrete floor
· Cement screed
· Chipboard panels
· Wooden substrate

LIMITATIONS

· Not to be used at temperatures below 8°C.
· Not to be used for exterior application.
· Not to be used in areas subject to constant water exposure, immersion, or hydrostatic pressure.
· Not to be used in commercial showers, steam rooms, fountains, or submerged applications.
· Not to be used on a metal substrate.
· Not to be used on anhydrite substrates.
· Protect from the frost.
· Not to be used on screed with high moisture content.

APPLICATION PROCEDURE

a) Preparation of the support

The substrates must be cured and sufficiently dry, mechanically strong, free from loose particles, grease, oils, paint, wax, etc. The cement substrates must not be subject to shrinkage after installing the wood. The moisture content of the screed must be lower than the maximum prescribed by the parquet manufacturer. It is necessary to check moisture content throughout the entire thickness of the substrate, using a carbide hygrometer. During spring and summer, renders must be cured for at least one week for every centimeter of thickness, and cement screeds must be cured for at least 28 days unless they have been made with DCI special binders for screeds such as Screed 80, Level S10, or with Level S30. In case of floating screeds over insulation or light weight layers and slabs on grade must be provided with a vapour barrier to prevent rising damp.
Existing ceramic tile has to be thoroughly clean and degrease before proceeding to bond. Adhesion of the flooring may be im-

proved by applying a layer of Primer EP-PU as adhesion promoter prior the installation.
In case of old wooden floors has to be make sure that the planks of the old floor are well-bonded to the substrate. Remove any varnish or wax from the surface of the floor with sandpaper down to a bare wood finish and remove all dust with a vacuum cleaner.
On anhydrite substrates the surface must be sanded and primed with Primer PU or Primer PU Fast.

b) Preparing the product
Vinyl S99 is ready to use the product but is suggested to mix the adhesive for homogenization.

c) Applying the product
Apply Vinyl S99 to the substrate using a notched trowel suitable to the format. The open time of the product is maximum 30 minutes under normal temperature and humidity conditions, which must be taken into consideration when spreading the adhesive. If a skin forms, the adhesive must be removed and replaced.

d) Installing the tiles
Leave a short waiting time up to 10 minutes according to the application quantity, climatic conditions, substrate absorbency and type of covering. Make sure not to exceed open time 20-30 minutes in order to ensure proper wetting of the back of the covering. Lay in covering while the adhesive is still wet: the adhesive ridges have to be impressed. Take care to avoid air pockets and carefully rub the floor covering down to ensure good adhesive transfer to the backing. Avoid excessive stress on joints. After some minutes of installing the floor covering, it is always necessary to carefully roll it down again or to firmly rub it down.

COVERAGE / CONSUMPTION
Approximately 0.3 – 0.5 kg/m2 according to the notched trowel

PACKAKING
Vinyl S99 is supplied in:
- 25 kg plastic bucket.
- 15 kg plastic bucket.
- 5 kg plastic bucket.

SHELF LIFE
Original sealed packaging of this product is guaranteed to be of first quality for 24 months if stored in a dry area. In places with high humidity, the shelf life of the bagged product will be reduced.

SAFETY INSTRUCTION
Vinyl S99 is not considered dangerous according to the current regulation regarding the classification of mixtures. It is recommended to wear protective gloves and goggles and to take the usual precautions for the handling of chemicals. For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet. Keep out of the reach of children. Ensure good ventilation during and after use and drying. Do not eat, drink or smoke when using this product. In case of contact with skin or eyes, rinse immediately with plenty of water. Do not allow product to reach sewage system, water course or soil. Clean tools with soap and water immediately after use. Give only empty containers to recycling. Dried product residues may be disposed of as domestic waste. PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA

Product identity	
Consistency:	Pasty
Color:	Beige
Bulk density (kg/m^3):	1400
Viscosity:	100,000 (Rpm 5, Spindle 7)
Dry solids content (%):	70
Application data (at +23°C and 50% R.H.)	
Mix ratio:	Ready to use
Consistency of mix:	Very pasty
pH of mix:	8
Application temperature:	+10°C to +40°C
Open time (according to EN 1346):	>20 minutes
Adjustability time:	approx. 40 minutes
Walking:	After 5 Hours
Final performances	
Bonding strength:	3.5 N/mm^2
Temperature resistance after final cure:	from -20°C to +90°C

WARNING

Danger. Contains Portland Cement: Chromium VI < 2 ppm within the validity period of the product. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. P261 Avoid breathing dust. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF IN CONTACT WITH YOUR SKIN: Wash with plenty of water/... P305 + P351 + P338 IF IN CONTACT WITH YOUR EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor/...

EMISSION CLASS FOR BUILDING MATERIAL M1

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