



## MOVIE M PN100

SOLVENT-FREE POLYURETHANE PRIMER  
FOR ANTI-MOISTURE ON CEMENT SCREEDS

### TECHNICAL SHEET

#### DESCRIPTION

**MOVIE M PN100** is a polyurethane resin component without water and solvents that polymerizes due to moisture in the air and in the screed. Is free from V.O.C. therefore odorless thanks to the complete absence of solvents. Indicated for the dusting treatment of the cement screed or radiant floors. Recommended as a hardener for screeds (load distribution layer) mechanically weak, not up to standard, to obtain a compound with adequate mechanical resistance. Specific treatment for waterproofing anti-damp against the residual moisture of the screed up to 3.5% measured with a carbide hygrometer.

#### TECHNICAL DATA

Appearance: ..... yellowish transparent liquid  
 Viscosity: ..... at 25 ° C liquid approx. 200 Cps  
 Odor: ..... odorless  
 Specific Gravity: ..... 1.15 kg / l  
 Drying time: ..... at 23 ° C 50% RH 4-6 hours  
 Application: ..... brush or roller temperature from +5 ° C to +35 ° C  
 Dilution: ..... ready to use



#### INDICATIONS

1. Always check the humidity of the substrate with the use of appropriate tools.
2. Before the application, acclimate the product at a temperature between +15 ° C and 35 ° C.
3. Do not apply the product in a very humid environments.
4. Ventilate the area during application of the product.
5. After treatment with MOVIE M PN100, use only polyurethane or epoxy-silane adhesive.
6. Any dilutions should be made only with Xylene anhydrous ratio of 10-15% max.
7. Between the application of MOVIE M PN100 and laying the floor, you should not leave spend more than 3-4 days.

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

#### SURFACE PREPARATION

For proper penetration the treated surfaces must be free of dust, loose particles, fatty substances, previous treatment with resins, paints or products incompatible with the polyurethane resin.

#### PRODUCT PREPARATION

The standard product as such is ready to be applied.

#### APPLICATION

**Dusting Treatment:** To obtain a compact surface, improving the mechanical performance of wood floors installation in screed. Apply a coat of the product as evenly (roller or brush), leaving it to harden for at least 24 hours in a natural way.

**Treatment consolidating and waterproofing:** to give a mass to the surface layer of the substrate with resistance adapted to



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PRIMER POLIURETANICO SENZA SOLVENTI  
PER TRATTAMENTI ANTI-UMIDITÀ  
SU MASSETTI CEMENTIZI

### TECHNICAL SHEET

#### APPLICATION *(continued from page. 1)*

external stresses and to any special mechanical stress of the flooring cutlery and in particular of the parquet. Apply a first coat of MOVIE M PN100 roller or brush operating so as to uniformly impregnate the surface, after (4-12 hours) apply a second coat. The complete cycle involves a consumption varying from 200 to 400 gr. per square meter on average and will be sufficient to give the compound healed excellent firmness and toughness.

Let it harden for 24 to 48 hours depending on environmental conditions.

**Binder for the preparation of synthetic mortars:** reconstructions, fills holes and cracks, leveling layers of high resistance. Adequately mix 9 parts of dry sand from 0 to 1.5 mm with 1 part MOVIE M PN100 to obtain a compound sufficiently moist. Pretreat the surfaces that will come into contact with the synthetic mortar, with a coat of MOVIE M PN100.

#### AVERAGE COVERAGE WITH ROLLER APPLICATION

Approximately 100 to 200 g/m<sup>2</sup> hand (dusting and consolidating the surface).

Approximately 200 to 400 g/m<sup>2</sup> as an inhibitor of specific humidity and consolidation treatments in depth.

#### 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 12 months. It is important to keep the product in a dry and ventilated area away from heat and direct sunlight.

#### PACKAGE

ME 13 Kg drum

#### 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.**