



ARDEX AF 480 MS

Firm Elastic SMP Wood Adhesive

Silane modified parquet adhesive

Combines the advantages of rigid and elastic adhesives

For various applications

1-component: ready for use

Solvent free & very low emissions



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DESCRIPTION

Silane modified and elastic polymer adhesive for interior use on floors. With high shear strength. Hardens with reaction to humidity.

USE

For the installation of:

- On-edge lamella parquet
- Wide lamella
- Wood block
- Strip parquet
- Multi-layer parquet
- Solid wood planks, solid wood lamella parquett
- Mosaic parquet
- Cork tile with natural cork backing
- ARDEX Sound insulation and decoupling mats

on all suitable absorbent and non absorbent substrates.

SUBSTRATE PREPARATION

The substrate must be level, permanently dry, firm, load-bearing, free from parting agents and cracks and also have a high tensile and compressive strength and must be prepared accordingly.

If a primer has to be used, ARDEX PU 30 has to be applied in a thin layer. For the laying of large-format parquet types, as well as if the subfloor shows major asperities, level and smooth using an appropriate compound.

Mechanically pre-treat and thoroughly vacuum-clean the cement-based and calciumsulphate-based screeds according to the manufacturer instructions and/or in compliance with the applicable standards and codes of practise.

If the screed is dust-free, the parquet can be glued directly onto the screed using ARDEX AF 480. Prepare mastic asphalt screeds and other softener sensitive substrates properly and smooth using a suitable ARDEX smoothing compound with a layer thickness of at least 2 mm. Chipboards must firmly be bonded with the substrate and glued to groove and tongue. Carry out smoothing work using the appropriate ARDEX smoothing compound and ARDEX-primer.

Any filling work must be done with suitable ARDEX filling compounds together with ARDEX primers.

APPLICATION

Apply the adhesive evenly onto the substrate using a serrated spatula. Apply only as much adhesive as can be covered during the laying time.

Lay the parquet elements and tap them to perfectly fit in. Make sure that the parquet back side has fully and evenly been wetted with adhesive. Avoid agglutination of groove and tongue due to the adhesive. Once the parquet has been laid, check for hollow spaces immediately and load with weight, if required, until the adhesive has set. Remove from the substrate any excessive adhesive using a smooth spatula. Form margin joints towards components leading upwards in relation to the room geometry, wood type and parquet type.

Please note:

Do not use apply dispersion primer beneath ARDEX AF 480 MS. Make sure to comply with the laying instructions by the floor covering manufacturers well as with the legally binding standards and rules of the industry. Carry out parquet gluing only at a relative humidity in air of <75 % and an ambient temperature of >+18 °C.

Clean the tools immediately after use with oily or waxy cleaning agents.

When taking out smaller quantities of the drum, put the aluminum foil back onto the remaining adhesive.

Ready-made parquet floors can be walked on after 24 hours. Wait until the respective wood moisture has been reached before carrying out surface preparation of raw parquet in accordance with the ambient moisture.

Surface treatment can only be carried out after 48 hours from laying if the substrate has a bad quality or is not absorbent.

Observe the laying instructions of the parquet manufacturer and also the standards and regulations

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RECOMMENDED TROWEL AND COVERAGE

Cork flooring	approx. 400 - 450 g/m ²
O-edge lamella, mosaic parquet	approx. 800 - 1000 g/m ²
Sound insulation and Decoupling Mats	approx. 800 - 1500 g/m ²
Solid wood lam parquet, strip parquet, multi-layer parquet, wood block	approx. 900 - 1000 g/m ²
large format solid wood planks and multilayer parquet	approx. 1000 - 1500 g/m ²

Select the notched trowel to ensure sufficient wetting of the parquet. Rough or uneven porous substrates require a corresponding bigger notched trowel.

TECHNICAL DATA

Raw material base	Silane modified polymer
Material requirement	approx. 700 - 1500 g/m ²
Temperature	not below 18°C
RH	not above 75 %
Airing time	none
Working time	approx. 40 minutes
Cleaning agent	Before drying oil or wax containing liquids
Suitable for underfloor heating	yes

PACKAGING

Plastic pail with net weight of 18 kg.

STORAGE AND SHELF LIFE

ARDEX AF 480 MS should not be stored in direct contact with sun and protected from freezing.

When stored under the correct conditions and unopened, ARDEX AF 480 MS has a shelf life of 12 months.

SAFETY PRECAUTIONS

Keep out of reach of children Irritant: Avoid eye and skin contact. Use only in well ventilated areas.

Keep container tightly closed. In case of contact with eyes and skin, rinse with plenty of water. In event of irritation, seek for medical advice according with the relevant Safety Datasheet for further information (available upon request and online at www.ardex-quicseal.com).

DISCLAIMER

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof.

We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development program.

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