



# 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



### ARDEX System Product

Highly secure bonding properties with ARDEX filling compounds, designed for odour-neutral behaviour and clean indoor air.

Member of the Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Construction Products (GEV).

### 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 and 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 largeformat parquet types, as well as if the sub-floor shows major asperities, level and smooth using an appropriate compound.

Mechanically pre-treat and thoroughly vacuumclean 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



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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

### 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.

### Technical Data According to ARDEX Quality Standard

Raw material basis:	Silane modified polymer
Material requirements:	See recommended trowel and coverage table
Temperature:	not below +15° C
Relative humidity (RH):	not above 75 %
Airing time:	none
Working time*:	approx. 40 minutes
Setting time*:	approx. after 12 - 24 hours
Surface treatment*:	approx. after 24 hours

\* Lower temperatures and higher RH extend the times and can lead to inclusions of moisture. The indicated times refer to +18° C and 65 % RH.

Cleaning agent:	Before drying, clean with cleaning products containing suitable oil or wax.
Underfloor heating suitability:	yes
EMICODE:	EC1 <sup>PLUS</sup> very low emission
Packaging:	Bucket of 18 kg net
Storage	If unopened, can be stored in a cool, frost-free, dry location for up to 12 months. Close opened containers tightly after use.

### Recommended Trowel and Coverage

 **TKB A2**  
400 - 450 g/m<sup>2</sup>

Cork flooring

 **TKB B3 - B10**  
800 - 1000 g/m<sup>2</sup>

O-edge lamella, mosaic parquet

 **TKB B6 - B10**  
800 - 1000 g/m<sup>2</sup>

Solid wood lam parquet, strip parquet, multi-layer parquet, wood block

 **TKB B10 - B15**  
1000 - 1500 g/m<sup>2</sup>

large format solid wood lanks and multilayer parquet

A notch trowel should be selected that ensures sufficient adhesion of the rear side of the covering. Rough or uneven substrates and coarsely porous structured reverse sides require the use of a correspondingly coarse notch trowel.

\*) Application amount determined with a Pajarito toothed strip used on ARDEX levelling compounds.