

# ISOMAT AK-PARQUET

## Polyurethane adhesive for wooden floorings

### Description

ISOMAT AK-PARQUET is a powerful, polyurethane based adhesive for wooden floorings. It provides:

- Excellent bond strength,
- High resistance to temperature fluctuations from -40°C to +90°C.
- Sound insulation properties.
- Permanent elasticity and high mechanical strength.
- Very good bonding to various substrates.
- Painting ability.
- Simple application as it is ready to use and there is no need for mixing components
- It is solvent and water free and thus does not affect the wood.

### Fields of application

Suitable for bonding all types of parquet (solid, lam parquet etc.), strips and longstrips onto cement based substrates, old wooden floorings, tile layers, marble, mosaic, metallic surfaces etc. Ideal for floors with underfloor heating system.

### Technical data

Form:	pasty
Color:	beige
Density:	1.45 kg/l
Skin formation:	45 min
Curing time:	3 mm/24hrs (23°C, 50% R.H)
Hardness SHORE A:	50 ± 5
Tensile strength (ISO 8339) :	1.5 N/mm <sup>2</sup>
Elongation at break (ISO 8339) :	400%

### Directions for use

#### 1. Substrate

Substrate must be dry and free of dust, loose particles, grease etc.

#### 2. Application

The adhesive is uniformly applied to the substrate with a notched trowel for wooden floorings. Place the wooden flooring on the adhesive by applying slight pressure. If the final surface has to be polished, this must be done at least 24 hours after the application depending on the temperature. Nevertheless, it is recommended to wait 2-3 days so that the parquet is fully bonded.

### Consumption

1,2-1,4 kg/m<sup>2</sup> depending on the notch size of the trowel and the nature of the substrate.

### Packaging

ISOMAT AK-PARQUET is supplied in plastic buckets of 12 kg (each bucket contains 2 aluminium sacks of 6 kg).

### Shelf-life - Storage

12 months from production date if stored in dry and not high temperature conditions.

### Remarks

- The fluidity of the adhesive depends on the temperature. In low temperature it is more dense
- In floors with under-floor heating. Before the application of the adhesive, the system should be operate at least for two weeks.
- The moisture of wood should be between the recommended limits.
- The moisture of substrate should be between the limits that are recommended for the fixing of wooden floorings.
- Relative air humidity should be between 40% - 70% and ambient temperature should be from +10°C up to +35°C.
- Consult the safety advice and precautions written on the packaging.