



---

## TECHNICAL DATA SHEET

### PEKADUR A659 ANTISTATIC PVC FLOOR TILE ADHESIVE

---

#### DESCRIPTION

Pekadur 659 is a two component urethane-based adhesive exhibiting high tensile strength and adhesive properties. Being a filled product it exhibits good gap-filling properties.

---

#### FEATURES

- Suitable for use on "green" concrete
  - Suitable for continuous immersion in water, after full cure
  - Excellent gap filling properties
  - Easy to apply with notched trowel
  - Solvent free: no shrinkage
  - Non flammable
  - Heat resistant to 150°C
  - Thixotropic consistency allows it to hold trowel ridges
  - Suitable for PVC conductive tiles
- 

#### USES

Pekadur 659 is specifically designed for bonding of the following substrates:

Wood including oily wood, concrete, plaster, brick, asbestos cement, vinyl, quarry and ceramic tiles, PVC floor tiles.

---

## SURFACE PREPARATION

Surfaces must be clean, dry to the touch and free of dust, oil and grease. While Pekadur 659 can be used on damp and green screeds, the moisture content must not exceed 15%. The following method is used to check the moisture content:

Lay a piece of clear polyethylene sheet 25 X 25cm in the centre of the surface to be laid. Seal the edges to the surface using 20mm masking tape.

If no condensation is visible after 8 hours, laying can be commenced.

Highly porous or loose surfaces should first be primed using Pekay 657 one part Polyurethane primer, diluted if necessary, with up to 50% Pekay 411 Solvent. Allow to dry for 3 - 4 hours before continuing. For improved results wipe the back of the tiles with Pekay 401 solvent and allow approximately 40 minutes to halogen.

It is imperative that the applicator is thoroughly aware of the relevant section of the following Codes of Practise:

1. The SABS Code of Practise 043 - "The laying of woodblock floors".
2. The NBRI Information Sheet DIS 59-234 - "Prevention of rising damp".

NOTE: Ensure that the screed is levelled with Smooth Patch or equivalent.

---

## APPLICATION

Firstly, mix part A so that the Graphite is uniformly dispersed. Then add the content of the part B component to the 5lt bucket containing part A while mixing thoroughly with a stick. Stir until the colour is uniform black.

After mixing, the pot life is approximately 15 minutes and the contents must be applied to the substrate within that time. Apply 659 with a 3mm serrated trowel.

Lay the tiles into the wet adhesive and roll with a light (32kg) roller (if tiles are peaking hold down overnight with sandbags). Remove excess adhesive quickly and wash tools with solvent.

Foot traffic is allowed after 5 - 6 hours, full cure in 36 hours.

## SPECIFICATIONS

NUMBER OF COMPONENTS	: 2
BASE	: Catalysed urethane
SOLIDS CONTENT	: 100%
VISCOSITY	: Part A : soft paste Part B : thin liquid
COLOUR	: Part A : black Part B : black
MIXING RATIO	: A + B = 5 + 1 by weight 3,75 + 1 by volume
MASS PER LITRE	: 1,64kg (combined pack)
POT LIFE	: 15 - 25 minutes at 25°C
CURE TIME	: 24 - 36 hours
SOLVENT / CLEANUP	: Pekay 411 when uncured
AVERAGE RESISTANCE	: $4 \times 10^4 \Omega$

## GENERAL

APPLICATION TEMPERATURE LIMITS	: +5° to +50°C
SERVICE TEMPERATURE LIMITS	: -40° to +50°C
STORAGE TEMPERATURE LIMITS	: +15° to +35°C
SHELF LIFE	: Part A : 3 months Part b : maximum 3 months in unopened containers
PACKING	: Part A: 5,8kg Part B: 1,2kg TOTAL: 7kg (4,3lt)
SHIPPING CLASSIFICATIONS	: Non combustible, non hazardous

## LIMITATIONS

1. Prolonged contact with Part B may cause dermatitis. WEAR RUBBER GLOVES DURING USE.
2. Do not use at temperatures below 5°C. Curing times are greatly extended below 10°C.

3. Protect from freezing. Should Part B crystallize, warm gently in a can of hot water before use.
4. Eye splashing must be rinsed immediately with water.
5. Ensure that the screed is level before laying the tiles.
6. Unpack the tiles and spread them in an open area to climatise.

The information contained in this technical data sheet is to the best of our knowledge correct. NO GUARANTEE IS EXPRESSED OR IMPLIED. Users must satisfy themselves as to the efficacy of the product in their application.