

Hammerfast Polquet 91

Technical data sheet

Date of issue : 10.05.2023

Revision no : 02

Description

Solvent-free, two component, polyurethane based adhesive with high adhesion strength.

Advantages

- Solvent free,
- High adhesion strength,
- Resistant to water, nourishment, heat (after completion of cure),
- Resistant to heat changes,
- Flexible,
- Application is easy,
- Can be used as waterproofing material.

Usage areas

- Gluing laminate, wooden parquet, laminate and all kinds of wood,
- In bonding processes in under-heated systems,
- Gluing of ceramic, granite and natural stones to concrete, wood, metal, betopan, plasterboard,
- Used for bonding all kind of wood to concrete.

Application limits

Open time (Usage time)	60-90 minutes
Pot life	30-45 minutes
Initial drying time	4-5 hours
Duration of hardening	~24 hours
Full drying time	~7 days
Application temperature	> 15°C
Mixing ratio	A: 9 kg / B: 0,8 kg

Surface preparation

The application surface must be clean, firm, free of cracks and free of oil and dirt. Surfaces that need to be repaired should be repaired with the appropriate one of Hammerfast RM-150 repair mortars. Anhydrite (gypsum) screeds and moisture-absorbing absorbent surfaces must be pre-prepared with a Hammerfast PU-101 primer. General defects on the ground should be corrected with Hammerfast SL-210 leveling screed.

Application

The hardener with 0,8 kg of component B is poured into component A of 9 kg and mixed with the aid of mixer until a homogeneous color is obtained and the appropriate toothed trowel (B3, B11 or B15) is applied.

Hammerfast Polquet 91 is to be used as waterproofing material, it is applied as 1 mm thickness as the first layer and sticking is done behind the drying time.

Consumption

1,00-2,00 kg/m² depending on the size of the comb used, the padding and the surface smoothness.

Technical specifications

Color / Appearance	A: Cream / Putty consistency B: Dark coffee / Liquid
Content	Solvent-free polyurethane based
Density	A : 1,90±0,05 g/cm ³ B : 1,25±0,05 g/cm ³ A+B : 1,80±0,05 g/cm ³
Water resistance	Very good
Flexibility	Semi-flexible
Heat resistance	-10°C / +70°C
Tensile strength values	≥2 N/mm ² (Betona sticky rupture)

Important points

- The product is ready for application and should never be diluted with any liquid.
- A and B components are sold in sets. The A and B compoundant weights were adjusted by calculating the required amount of mixture. The components within the team must be thoroughly intertwined.
- Moisture content of application surface max. Must be 5%.
- Gluing must be done within the use period of the coating materials to be adhered.
- Heating must be turned off before application in sub-heated systems.
- After application, water contact should be avoided throughout the first drying period.
- During the application, contaminated material should be cleaned immediately before drying.
- The ambient temperature must be above +15 ° C during application and the ambient humidity should be less than 75%.

Security precautions

- Keep away from children.
- It should not be eaten and should not be swallowed.
- Stay away from food items.
- Do not breathe directly into your body.
- May cause allergies.
- Must be washed with plenty of water by eye and consult a doctor.
- It is recommended to wear gloves and goggles during work.
- Component B contains 4,4'-diisocyanate.

Storage and shelf life

Unopened original packaging, sunlight and protected from frost, Can be stored for 12 months at temperatures between + 10°C and 35°C.

Packing

Component A: 9 kg plastic bucket
B Component: 1 kg plastic bucket
1 Pallet = 48 pieces (Pack of 9 + 1 kg) = 480 kg
Pallet measures 80 * 120 cm h = 100 cm

Cleaning of tools

All appliances should be cleaned immediately after application with cleaning products containing acetone, alcohol or oil.

Quality certificates

- ISO 9001:2015



AYK Yapı Kimyasalları San. ve Tic. Ltd. Şti.

Orhaniye Mah. 2076. Sokak No: 4 Kahramankazan/Ankara
Tel : +90 312 815 48 15
Fax : +90 312 815 48 16
E-mail : info@ayk.com.tr
Web : www.ayk.com.tr

AYK Yapı Kim. Ltd. Şti. shall not be held responsible for any application errors resulting from failure to comply with the above-mentioned application instructions and conditions or from use outside the intended purpose, and reserves the right to make changes to its products in line with technological developments