

Technical data sheet

Pekay F835 Acryl-Seal Seamless Water Proofing System

Product description

Pekay 835 “Acryl-Seal” is a seamless waterproofing. It is non-bituminous and liquid applied, curing to a tough, elastomeric compound, which exhibits excellent durability, weathering characteristics as well as chemical resistance. The system consists of five coats of Pekay “Acryl-Seal” applied in combination with reinforcing membrane.

Features:

- Easy to use, single pack – no mixing or metering
- Exceptional adhesion to construction materials
- Excellent temperature and UV resistance
- Service temperature range from -40°C to 150°C

Uses

- Flashings
- Parapet walls
- Waterproof coating for: asbestos, cement, concrete, brickwork, bitumen roofing felt, galvanized sheeting, wooden shingles and a variety of roof tiles

Application

If possible use high pressure cleaning to remove all old paint, dirt, moss and algae. Roofing felt must be removed and replaced where damaged, cracked or broken roof tiles should be replaced and holes in asbestos must be patched. On flat roofs the falls must be checked and corrected to avoid ponding water. All surfaces must be clean, dry and free from dust, oils and grease before priming and painting.

Priming is necessary for porous substrates such as asbestos, cement, concrete, brickwork and cement roof tiles. After cleaning thoroughly apply a coat of PEKAY G223 ACRYLIC PRIMER. Allow drying for approximately 2 – 3 hours before proceeding further.

Galvanized sheeting must be treated with PEKAKLENE 99 degreaser and rust remover.

The sheeting must then be primed using PEKAY G828 SELF ETCH PRIMER and allowed to dry for 2 hours before proceeding.

Ensure that the batch numbers on the containers correspond before commencing with the painting as slight colour variations may occur from batch to batch.

Apply F835 at a spread rate of 2-3 m²/l per coat. Tiled surfaces require a coating rate of 0,8-1,5 m²/l due to their roughness and increased porosity. It is recommended that at least 2 coats are applied. Allow at least 2 hours drying between coats.

Specifications

Shelf life:	6 months in unopened containers
Packaging:	5, 20 and 25 litre containers
Appearance:	Thixotropic liquid
Available colours:	White, grey, black, charcoal, brown, terracotta, green
Application rate:	2-3 l/m ²
Application temperature limits:	10°C to 40°C
Chemical base:	Water based acrylic
Specific gravity:	1.2 kg/l

Test Results by an Independent Lab

Test Parameter	Result
Elongation %	444
Tensile Strength (N/mm ²)	2.87
Water Uptake Test after 1 day curing %	30.42
Water Uptake Test after 5 day curing %	26.75

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.