

GENERAL DESCRIPTION

AXEL PU COAT 122 is a single component cold applied elastomeric polyurethane waterproofing which cures with the humidity in the atmosphere.

AXEL PU COAT 122 is used as a sealant coating on concrete surfaces as in flat roof or timber joint bridging. It forms an elastic membrane with strong adhesion to various types of surfaces.

RECOMMENDED USES

- * Roof tiles, flat roofs
- * Car wash bays
- * Wet rooms
- * verandas and balconies
- * Wall

CHARACTERISTICS & ADVANTAGES

- * Low solvent
- * Easy to apply
- * Cold applied
- * High Elastic
- * Non-Toxic after full cure
- * Cure with the humidity in the atmosphere
- * Good adhesion

COVERAGE

Approximately 1.5 kg/m², the coating shall be done in thin coats in multi coats of 1 to 2 times.
(Coverage may vary depending on substrate conditions and application methods)

COLOURS

Grey

PACKING

25 kg/Pails

STORAGE

Store in a dry, cool and shaded place.

SURFACE PREPARATIONS

Ensure the concrete is sound, clean and free from any oil, grease and contaminants. Repair the joints or any cracks if necessary with **AXEL EMBED 301R** or **AXEL MORTAR 303MC** for higher requirement. Clean all joints & remove any loose mud or backing boards. Cement laitance, loose particles, cured membranes, etc. must be removed. Make sure the surface is dry before apply. New concrete structures should be dry for at least 28 days

METHOD OF APPLICATION

- * Apply PU primer if necessary for extremely porous substrate or special substrates.
- * Stir well **AXEL PU COAT 122** before using.
- * Evenly applied across the surface with a roller or brush.
- * A minimum of two coats are recommended and shall be done in a criss-cross manner between coats.
- * Apply second layer after the first layer has cured tack free. NOT more than 48 hours application between coats.
- * Allow at least 24 hours curing before open for foot traffic.

Notes: NOT apply on over damp/wet, over moisture or rising dampness conditions to minimize blistering issue.

CLEANING OF TOOLS

Clean all tools and application equipment with solvent immediately after use. Hardened or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of component	One
Specific gravity	1.3 – 1.5 kg/l
Viscosity (Brookfield) @ 25°C	3000-6000 cP
Adhesion strength	≥ 1.5 Mpa
Hardness Shore A	60
Tensile strength at break @ 23 °C	> 2 Mpa
Elongation	> 500 %
Service temperature (in cured form)	-40 to 60°C
Drying time 25°C	Tack free : ~ 6 hours depending on temperature and humidity Recoating : 24 hours

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions and at temperatures of 5-25 °C. Once opened, use as soon as possible.

The above data is provided in good faith and to the best of our knowledge. However, since application and services conditions are beyond our control, we do not accept liability relating to coverage, performance and injury arising from the use of our products based on the data. Further with the constant advancement of technology we reserve the right to modify data without prior notice and we advise that you check with our Axelchem Technical Department at Tel: 603-6276 2118 the validity of these data especially if more than six months have lapsed since issue.