

GENERAL DESCRIPTION

AXEL POLYURE 702 is an acrylated polyol / isocyanate cured aliphatic polyurethane resin based, two pack incorporating premium grade weather resistant pigments suitable for sealing and restoration of copper or brass structures.

AXEL POLYURE 702 is excellent for decoration and protection of interior and exterior surface where ultimate in color and gloss retention is required with good sealing. It provides good chemical resistance and easy-to-clean surface.

RECOMMENDED USES

Specially blended for restoration and protection of copper or brass antique structures where there is severe exposure to ultra violet degradation.

CHARACTERISTICS & ADVANTAGES

- * Outstanding gloss and color retention on outdoor exposure
- * Highly resistant to splash and spillages of a wide range of corrosive chemicals, solvents or acid rain
- * Extremely hard and durable

COVERAGE

Approximately 20-22m² per litre at 25 microns dft
(Coverage may vary depending on substrate condition)

COLOURS

Clear colour

PACKING

1 litre per set	(Part A: 750 ml per bottle	Part B: 250 ml per bottle)
4 litre per set	(Part A: 3 litre per pail	Part B: 1 litre per bottle)
20 litre per set	(Part A: 15 litre per pail	Part B: 5 litre per pail)

STORAGE

Store in a dry, cool and shaded place



SURFACE PREPARATIONS

Freshly plastered surfaces should be allowed to dry completely. Plaster nibs and splashes should be scrapped off. Efflorescence, if present, should be removed and paintwork should commence when efflorescence has stopped, for previously painted surface, care should be taken to ensure a clean surface free from dust, dirt, grease and other undesirable residues. Flaking paintworks if any, should be scrapped off to firm edges before painting. Excessively chalking substrates should be treated appropriately by either physical removal or stabilizing with proprietary pretreatments such as **AXEL AXPRIME 1003** solution prior to painting.

METHOD OF APPLICATION

- * Mix **AXEL POLYURE 702** part A and part B homogenously with slow speed mechanical mixer. Over stirring should be avoided, in order to prevent air entrapment in the material.
- * Applied with brush, roller or spray.
- * Once mix that shows sign of stiffening, **AXEL POLYURE 702** mixture should be discarded.
- * **AXEL POLYURE 702** will be harden and cannot be kept once Part A and Part B are mixed together. Thus, mixing according to required usage to prevent material wastage.

Notes:

- * **AXEL POLYURE 702 NOT** suitable applied on surfaces which have rising dampness, potential osmosis problem or high relative humidity.
- * Good ventilation for proper drying.

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 components	Two
Mixing ratio	3 :1
Specific gravity	1.10-1.30 kg/l
Finishing	Gloss
Adhesion	≥ 1.5 mpa
Volume solids	Approximately 55%
Viscosity (28°C)	Approximately 75 KU
Recommended dry film thickness	25-30 microns per coat
Drying time (28°C)	Surface touch dry : ~2-3 hours Full cure : 7 days (open for service)

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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