



MIXSEAL AC200

WATER-BASED ACRYLIC WATERPROOFING COATING, UV RESISTANT

Update: 01/2023

Product description:

Mixseal AC200 is water-based Acrylic waterproofing coating, one component, liquid-applied. UV resistant, weather resistant, high elasticity, excellent adhesion concrete, cementitious base, corrugated roof and other substrates.

Uses:

- Waterproofing pitched roofs, concrete slab roof, other substrates (*no water standing*);
- Waterproofing vertical substrates, external wall, parapet wall;
- Sealing joints, laps and roofing screws on various kind of roofs (roof tile, asbestos, Zinc...);

Advantages:

- Weather, UV resistant, anti-biotics;
- Liquid applies, no joints. One component easy to use;
- Good water penetration resistance, high elasticity;
- Excellent adhesion concrete, cementitious base, corrugated roof, other substrates;
- Water-based, non-toxic;
- Paintable with most types of paints.

Technical Data

Specification	Standard	Value
Color		Green, grey Other standard colors
Dry time (@ 20°C)		General dry: 3 hours Complete dry: 24 hours
Tensile Strength	ASTM D412	>1.8 N/mm ²
Elongation	ASTM D412	>300 %
Adhesion	ASTM D3359	5A

Package:

- Pail: 18 Kg;

Coverage:

0.2 - 0.3 kg/m²/layer

Always apply at least 2 layers unless otherwise by manufacture. In some cases reinforced by glass fiber or polyester grid.

Surface preparation:

- Concrete/cementitious base surfaces must be enough 28 days. Iron and steel surfaces should be free of rust;
- The substrate must be sound, clean, monolithic. Cement laitance, mildew, oil, grease etc... must be removed;
- Honey-combs, voids, rough surfaces, exposed rebars and cracks shall be leveled with non-shrink grout or filler mortar;
- Special surfaces (as iron, steel, zincalume...): request a special primer.

Application:

- Open Mixseal AC200 and mix at least 1 minute. Application of Mixseal AC200 by brush, roller or airless spraying;
- The cleaned concrete/masonry or porous surface shall be primed by the mixture of Mixseal AC200 with clean water at a ratio of 1:1 (by volume). Allow priming coat to dry, apply the coatings;
- Use a paint brush to sweep angles, edges, gaps, etc... so that the surface of the waterproofing is covered and continuous;
- Waiting time /Overcoating: 3 – 6 hours or sooner depending on ambient condition;
- Surface temperature/Air temperature: about 5-45°C;
- The water ponding test may be conducted after the waterproofing membrane cured;

Note: With the surface need color painting, please contact the MIXSEAL Technical Department.

Safety & health:

- Avoid direct contact with skin, wear suitable protections (gloves, goggles ...) while manipulating;
- In case of contact with eyes, rinse immediately with plenty of water and seek medical help.

Storage and shelf life:

- Storage in a cool and dry space, temperature from 5-35°C;
- Shelf life: 12 month when unopened, undamaged original packaging



Note: Mixseal warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to Mixseal shall be limited to replacement of the material proven to be defective, and Mixseal shall in no case be liable otherwise or for incidental or consequential damages. Mixseal makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith..