



Massco FlexyGuard

Polymer Modified Flexible Cementitious Water Proof Membrane

DESCRIPTION:

Massco Flexy Guard is a two part modified acrylic cementitious coating, mixed at site for easy application. it cures to form a tough flexible coating with excellent waterproofing properties.

USES:

- Non toxic- for potable water tanks and reservoirs.
- Protection of concrete against carbonation and chloride ion attack.
- Sea water channels coating.
- Covers honey combs and pitted poured concrete effectively.
- Protection against brackish water.
- Marble and granite backing to prevent water ingress.
- Swimming pools and silos.
- Foundation protection.
- Water proofing planter boxes.
- Roof water proof coating

ADVANTAGES:

- Excellent crack bridging capabilities
- With stands high hydrostatic pressures
- High bond strength to concrete and masonry

TECHNICAL DATA:

Pot life@25°C	45 min
Colors	Grey, offwhite
Minimum application	
Temperature	not less than 5°C
Typical results@2mm	
Positive	7 bar
Negative	3 bar
Flammability	Non Flammable

CHEMICAL& WEAR RESISTANCE:

Massco FlexyGuard resists diesel, petrol, calcium chloride. Massco FlexyGuard also has excellent resistance to weathering and can accept normal foot traffic.

SURFACE PREPARATION:

The substrate must be clean, free from grease, oil and loosely adhering particles. Any repairs should be carried out using a cementitious repairs mortar.

MIXING:

Add Powder to the liquid slowly whilst mixing with a spiral paddle attached to a low speed electric drill. Minimum mixing time 5 minutes.

APPLICATION:

Preparation

The Substrate must be and completely free from contaminants including grease, oil and loose material. Any repairs to the substrate should be carried out using Massco cementitious repair mortars. For best results, surface should be damp care should be taken with porous substrates as more extensive pre- soaking will be required. Any free water on the surface should be removed immediately prior to applying Massco FlexyGuard. Apply the mixed product by medium hard short bristle brush, or roller

Priming:

All Porous should be prime (if required) prime with coat of mix Massco Flexy Guard and clean water. The mix ratio of 2 part Massco Flexy Guard to 1 part sweet water.

checking that the first coat is at a minimum wet film thickness of no more than 1mm and no less than 0.5mm, The first coat should be applied @0.7 kg. to 1 kg. m².

The second coat should be applied@ 0.7kg to 1kg m² as soon as the first coat is set hard, normally after a minimum of 3 hours @ 25°C and longer at lower temperatures. This Second Coat should again be finished in one direction (at 90° to the first coat)

The total thickness should be 1-2 mm on walls and 1-2 mm on floors depending on the anticipated water pressure. As a general rule, the total coating thickness should be 1mm on walls and floors where the hydrostatic pressure is not likely to exceed 0.5m; 1.5mm on walls and 1.5mm on floors for hydrostatic pressure up to 3bar and 2mm on walls and 3mm on floors in situations where greater hydrostatic pressure will be experienced.

EQUIPMENT CLEANING:

Tools and equipment should be cleaned immediately using water as, on hardening the material can only be removed mechanically.

PACKAGING& YIELD:

Massco FlexyGuard is supplied in 16 kg (two part packs).

A complete mixed pack will cover approximately 7m at 1.5mm thickness depending on the substrate profile.

STORAGE& SHELF LIFE:

Store in cool, dry conditions in the original un-opened packs. The material has a shelf life of 12 months.

HEALTH&SAFETY:

Massco FlexyGuard contains alkalis and protection should be provided to prevent contact with skin and eyes. Inhalation of dust must be avoided whilst mixing. Gloves, goggles and a dust mask must be worn.

Eyes contact:

Rinse with copious amounts of clean water and seek medical attention.

Skin contact:

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

DO NOT USE SOLVENTS.