

TECHNICAL DATA SHEET

Raycoat Aquaflex is a premium-grade, two-component flexible cementitious waterproofing system. When mixed, it forms a brushable, smooth slurry with excellent bond to most substrates.

PRODUCT FEATURES

- Polymer-modified for excellent adhesion to cement-based substrates
- Easy to mix, durable, and accommodates heavy movement
- Resistant to seawater, micro-crack bridging (up to 3 mm), flexible, watertight, and non-toxic

RECOMMENDED APPLICATION

- Suitable for positive side waterproofing of old and new structures
- Ideal for waterproofing elevated tanks, reservoirs, plant boxes, and sewage structures
- Applicable to swimming pools, fountains, kitchens, toilets, bathrooms, domes, and concrete structures.

PRODUCT DATA

Color	: Gray
Mixing Ratio	: Part A 23.5 kg : Part B 11.5 L
Coverage	: 15-16 m ² (2 coats, 1 mm thick): 4-8 hours.
Curing Time	: 1 hour
Packaging	: 35 kg/set
Storage	: Store in a cool, dry place, away from direct sunlight.
Shelf Life	: 12 Months from Manufacturing date.

INSTRUCTION FOR USE:

SURFACE PREPARATION

Concrete surface to be treated must be clean, dry (up to 1% moisture content) and free of laitance, dirt, paint coating and other foreign materials. Structural defects such as cracks, faulty construction joints and honeycombing should be routed out to sound concrete and repair with Raycoat Aquaflex (see separate data sheet). It is recommended that Raycoat Aquaflex or sealant be formed at all corners to receive the waterproofing membrane. Area with water ponding should be repaired or grinded to let water run down to the drainage

MIXING

Pour Part B (liquid) into a clean container. Slowly add Part A (powder) into the container and mix with a slow speed mechanical mixer until homogenous and Lump free. Allow the mix to stand for 5 minutes and re-stir manually before use.

METHOD OF APPLICATION

For horizontal and vertical surfaces, a roller or paint brush may be used to apply the slurry. Care must be taken to ensure that air is not entrapped in the membrane. Apply the first coat and work generously to fill all the pores and honeycombs. Allow the membrane to dry approximately 2 to 3 hours prior to application of the second coat. The second must be applied crosswise. After applying the second coat of waterproofing membrane, allow a minimum curing time interval of 15-72 hours before laying the screed and commencing ponding test exceed 4 hours, a minimum curing time interval of 72 hours is recommended.

HEALTHY AND SAFETY

Refer to Safety Data Sheet

WARRANTY

Due to different methods of applications, and the various properties of surfaces, we cannot assume responsibility or liability with regards to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case, shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case is valid.

