

Technical Bulletin

ADOCOAT PROFLEX

SPECIFICATION		
Property	ADOCOAT PROFLEX PRIMER	ADOCOAT PROFLEX
Density	Base: 1.15 g/cm ³ Hardener: 1.05 g/cm ³	Base: 1.07 g/cm ³ Hardener: 1.05 g/cm ³
Appearance (Base + Hardener)	Mobile liquid. Black.	Mobile, thixotropic liquid. Coloured as per supply.
Coverage	4m ² /litre	1m ² /litre
Non-Volatile Contents	Min. 99%	Min. 99%
Drying Time	4-6 hours at 25°C	5-6 hours at 25°C
Dry Film Thickness (DFT)	200 microns (1 coat)	1000 microns / coat 1 coat (horizontal surfaces) 2 coats (vertical surfaces)
Pot Life	Min. 20 mins at 25°C	Min. 25 mins at 25°C
Full Cure Time	-	Min. 7 days
Tensile strength	-	>11N/mm ²
Flash point	Non-flammable	Non-flammable

ADDITIONAL INFORMATION

ADOCOAT PROFLEX is a non-VOC, solvent free, professional grade epoxy system. It is supplied as a two-pack system and cures to give a highly durable and flexible coating. The product is formulated to provide water vapour and liquid water resistance for the design life of a building structure.

Surfaces are primed with ADOCOAT PROFLEX PRIMER, supplied as a premium two-pack system that can be applied to steel, masonry, concrete and damp surfaces.

The product may be specified as a general high-performance damp proof membrane to prevent water ingress into subterranean structures. It can also be used in industrial and commercial applications such as in-room and chemical tank banding (please check with the Technical Department for chemical compatibility). The product's flexibility allows it to be specified into areas of a building structure where differential movement is expected. It exhibits excellent crack bridging ability. Further application areas include elevated platforms, balconies and terraces.

APPLICATION AREAS

- Ground floor DPM
- Subterranean structures
- Basements
- Elevated platforms, balconies and terraces
- Tank and room bunding
- Plant rooms
- Buried roofs

APPLICATION

Surfaces should be smooth, clean, dry, sound and free from frost, oils, grease and other contamination. Product may be applied to 'green' concrete. Any surface defects (holes etc.) should be filled with a suitable filler.

For masonry applications, joints should be flush pointed with a suitable cementitious product prior to application. Where existing surfaces are very rough, a sand/cement render coat may be required.

For metal applications, prepare the surface by wire brushing or sand blasting. Treat the surface with an anti-corrosive primer for best results. Alkyd and epoxy-based steel primer primers are compatible.

For concrete applications, surfaces should be smooth. Mildly tamped, brushed and floated surfaces are also acceptable.

The minimum ambient temperature for application is 5°C, it is not recommended to apply the product at temperatures below this as a cure will not be achieved. Ensure reasonable ventilation to obtain best cure.

Seal the surface with a single coat of ADOCOAT PROFLEX PRIMER. The primer is supplied as a two-pack system. Mechanically stir the base component for a minimum of 3 minutes, add the full measure of the hardener component and continue to stir until uniform in colour. The recommended application is 4m²/litre. Apply by brush, roller or spray.

Over the primed surface, apply the ADOCOAT PROFLEX as a single coat to horizontal areas and two coats to vertical areas. Mechanically stir the base component for a minimum of 3 minutes, add the full measure of the hardener component and continue to stir until uniform in colour. The recommended application is 1m²/litre. Apply by brush, roller or spray.

At room temperature ADOCOAT PROFLEX PRIMER will cure in 4-6 hours. Allow longer cure times at lower temperatures. ADOCOAT PROFLEX can be applied after drying. Do not allow a period of more than 7 days from the primer being applied and the overcoat of ADOCOAT PROFLEX. Re-prime if this period elapses. ADOCOAT PROFLEX will cure in 5-6 hours. Where a second coat is applied ensure it is applied within 7 days of the first coat being applied.

REGULATORY

NBS: Clause J30 10, 130 – Liquid Applied Damp Proofing

Type A Barrier Protection in Accordance with BS8102(2009).

NBS: Clause J31 – Liquid Applied Waterproof Roof Coatings.

For Type A structures (BS 8102: 2009), the product can provide the protection level for Grades 1, 2 & 3 basements.

All components are REACH (Reg. (EC) No 1907/2006) registered. The product does not contain any Substances of Very High Concern (SVHC).

TOXICITY AND SAFETY

Product is classified as hazardous according to the CLP Regulation (Reg. (EC) No 1272/2008). Refer to the Product Safety Data Sheet for recommended safety precautions. It is recommend the end user wear safety glasses, safety gloves and protective clothing during application. Wear a suitable respirator if working within an enclosed area. Avoid direct contact with skin and eyes.

HANDLING AND STORAGE

The Product has a 12-month shelf life subject to storing in a cool, dry, well ventilated area. Keep containers tightly closed. Store in the original manufacturer supplied containers.

AVAILABILITY

ADOCOAT PROFLEX PRIMER BASE & HARDENER (FOR 5LT SYSTEM)

ADOCOAT PROFLEX PRIMER BASE & HARDENER (FOR 20LT SYSTEM)

ADOCOAT PROFLEX BASE & HARDENER (FOR 5LT SYSTEM)

ADOCOAT PROFLEX BASE & HARDENER (FOR 20LT SYSTEM)

For non-standard pack sizes, please contact us directly with your enquiry.