

C/S ARMOURSHEEN™

WALL AND CEILING COATING SYSTEM

A very tough polyurethane system providing extreme performance with high anti-carbonation and anti-chlorine properties, making it ideal for swimming pool halls and car parks. Choose a high gloss finish to maximise the light enhancing and reflective properties.

Anti-carbonation properties explained.

Armoursheen significantly prolongs the life of reinforced concrete. It has a high diffusion resistance to carbon dioxide and water, it therefore prevents the formation of Carbonic Acid which corrodes re-inforcement bars causing spalling of concrete faces.

TYPICAL APPLICATION AREAS

- Car Parks
- Swimming pool hall walls
- Marine environments
- Pharmaceutical environments
- Any structure that needs an anti-carbonation coating
- Water treatment plants
- Breweries

KEY FEATURES

- Two pack, very durable system
- Suitable for interior and exterior applications
- High light reflectance of gloss finish
- Anti-carbonation properties
- Easy to maintain
- High chemical and abrasion resistance
- System incorporating heavy fibreglass reinforcement can be steam cleaned



PRODUCT PERFORMANCE

Chemical and anti-microbial resistance

C/S Armoursheen is highly resistant to a range of Oils (animal/vegetable/mineral); Urine, Sewage and Blood; Salt, Beer and Molasses, Petrol and Paraffin, Diacethone and Isopropyl Alcohol; Ethylene Glycol; Formaldehyde (40%); Sulphuric Acid (10%); Hydrochloric Acid (10%); Nitric Acid (10%); Formic Acid (10%); Caustic Soda (10%); water and steam. It has a high resistance to diffusion of CO₂.

C/S Armoursheen also inhibits the growth of microbes on its surface, including MRSA, E. coli, Salmonella typhimurium and Aspergillus niger.

Scrub and abrasion resistance

Scrub resistance (tested to ASTM D2486) - 4000+ cycles

Abrasion resistance (tested to ASTM D1044, D3389) - 5000 cycles.

Cleaning

The system is resistant to aggressive cleaning agents and abrasives.

COLOURS AND FINISHES

Finishes

C/S Armoursheen is available in a Matt, Satin and Gloss finish.

Colours

C/S Armoursheen can be supplied in any BS 4800, RAL Classic and NCS 2nd Series colour as standard.

Colours can also be matched to project requirements.

TYPICAL SYSTEM APPLICATION

On plaster/plasterboard in dry areas

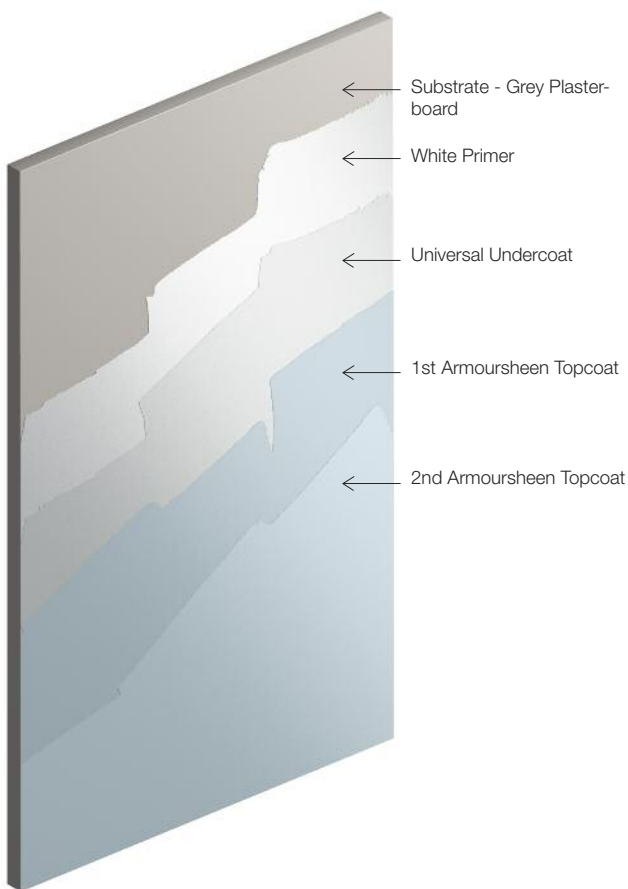
Surface needs to be primed with White Primer. One coat of Universal Undercoat and two coats of Armoursheen Topcoat are then applied using Brush and Roller.

On other substrates and/or in wet areas

Multi Surface Primer should be used to seal the surface. Two coats of Armoursheen Topcoat are then applied using Brush and Roller.

Application instructions are available on request.

On grey plasterboard



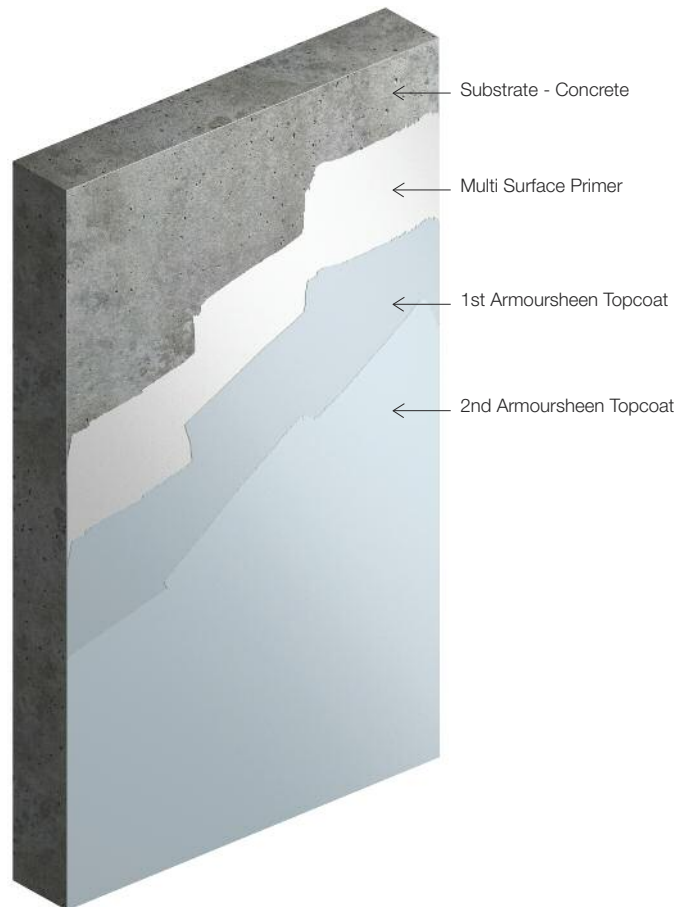
OPTIONAL TREATMENTS

Fibreglass reinforcement (FG)

For added durability fibreglass reinforcement (Light or Heavy option) can be incorporated into the Armoursheen system.

Please note Penetration Primer is recommended for use on plaster/plasterboard when fibreglass reinforced system is used.

On other substrates and/or in wet areas



Product	Coverage rates* (m ² /ltr)	Drying times in hours* (20°C @ 60% RH)	Pack sizes (ltr)	Recommended build thickness*	
				Wet film	Dry film
White Primer	7-9	2-4	5 and 20 (single pack)	120µ to 140µ	30µ to 40µ
Multi Surface Primer	6-14 [‡]	4-6	2.5 and 5 (two pack water based)	120µ to 140µ	70µ to 80µ
Universal Undercoat**	9-11	4-6	5 and 15 (single pack)	140µ to 160µ	70µ to 90µ
Armoursheen Topcoat - Matt	5-7	4-6	2.5 and 5 (two pack)	160µ to 180µ	100µ to 110µ
Armoursheen Topcoat - Satin or Gloss	6-8	4-6	2.5 and 5 (two pack)	160µ to 180µ	100µ to 110µ

*Coverage rates, drying times and build thickness are per coat.

**Universal Undercoat is supplied white as standard and is required for application of the system on plaster/plasterboard in dry areas only.

[‡]Multi Surface Primer can be used on a variety of substrates and coverage rate will depend on substrate porosity, absorption and texture.