



C/S WALLSHIELD™ WB

WALL AND CEILING COATING SYSTEM

C/S Wallshield™ WB is a tough water based polyurethane, anti-microbial coating system with moderate resistance to chemicals and abrasion.

It is particularly suitable for food manufacturing/production environments as it is non-tainting. It can be safely applied in your facility without the need to halt food production.

TYPICAL APPLICATION AREAS

- Food manufacturing
- Pharmaceutical environments (cat 1 & 2)
- Kitchens and cafeterias
- Healthcare - wards, treatment rooms and washrooms
- Schools
- Leisure facilities

KEY FEATURES

- Non-leaching anti-microbial additives are in every system layer
- Highly durable
- Water based
- Non-tainting
- Cures with a low odour
- Easy to maintain



PRODUCT PERFORMANCE

Chemical and anti-microbial resistance

C/S Wallshield WB is resistant to a range of Oils (animal/vegetable/mineral); Urine, sewage and Blood; Salt, Beer and Molasses; Petrol and Paraffin; a range of chemicals including Sodium Chloride (10%); Potassium Hydroxide (10%); Sodium Carbonate (10%); Lactic Acid (5%); Citric Acid (5%); Water and indirect steam. It also inhibits the growth of microbes on its surface including MRSA, E. coli, Salmonella typhimurium and Aspergillus niger. For more comprehensive chemical and anti-microbial resistance data refer to System Technical Data Sheet.

Scrub and abrasion resistance

Scrub resistance (tested to ASTM D2486) - 4000+ cycles
Abrasion resistance (tested to ASTM D1044, D3389) - 3000 cycles.

Cleaning

The system is resistant to mild cleaning agents and low concentrations of aggressive chemicals.

COLOURS AND FINISHES

Finishes

C/S Wallshield WB is available in a Matt and Satin finish.

Colours

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

Colours can also be matched to project requirements.

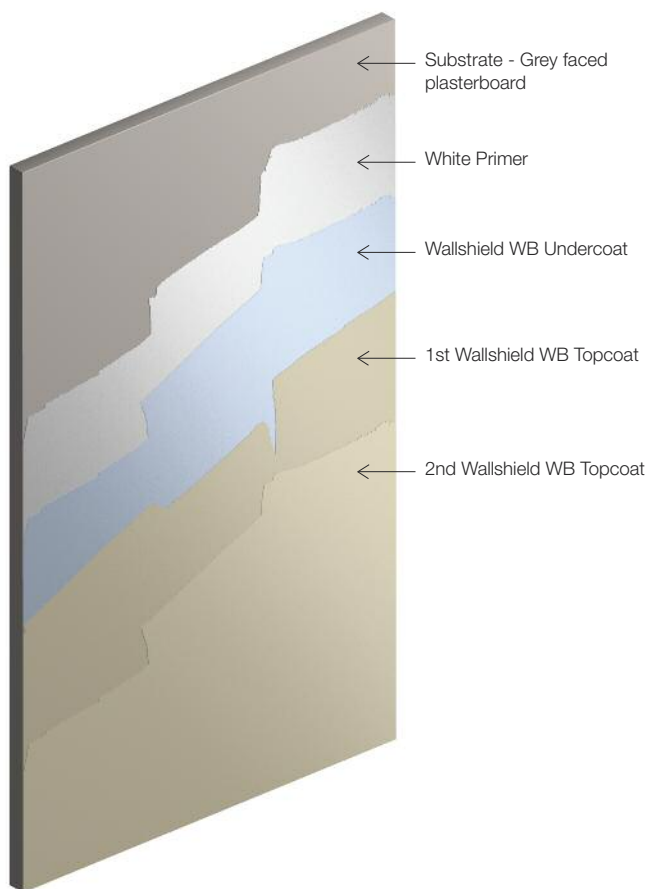
TYPICAL SYSTEM APPLICATION

Wallshield WB can be applied to a variety of substrates, which first need to be sealed with a suitable primer (refer to System Technical Data Sheet for details).

On grey plasterboard in dry areas

One coat of Wallshield WB Undercoat is applied onto the specified primer and followed by two coats of Wallshield WB Topcoat (two Satin coats to achieve a satin finish, or two matt coats for a matt finish).

Application instructions are available on request.



OPTIONAL TREATMENTS

Fibreglass reinforcement (FG)

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

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



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
Wallshield WB Undercoat**	9-11	4-6	5 and 15 (single pack)	140µ to 160µ	70µ to 90µ
Wallshield WB Topcoat - Satin or Matt	7-8	4-6	5 and 15 (two pack)	100µ to 120µ	40µ to 50µ

* Per coat, based on coating to grey faced plasterboard.

** Wallshield WB Undercoat is required for application of the system over C/S White Primer only. When using other C/S Primers proceed with the application of Wallshield WB Topcoats. Refer to System Technical Data Sheet for further details.