

C/S Wallglaze™ Performance Coatings

• Wallsheen • Wallshield • Wallflex • Armourglaze • Armourlac

C/S/SB
| (42) | v |
NBS specification guide: M60



C/S Wallglaze™ Performance Coatings

For over forty years, C/S **Wallglaze™** has been protecting walls and ceilings throughout the world. Our range of performance coatings are designed and formulated in modern production facilities in the UK. They combine the benefits of the latest anti-microbial and surface-coating technologies, with state of the art computerised colour mixing and production, resulting in probably the most advanced coating systems available.

C/S **Wallglaze™** performance coatings are available in a range of colour options including BS, RAL or NCS type colours. We can also colour match to a specific requirement or sample.

Like all **C/S GROUP** products, our performance coatings range is supported by a specialist Technical Department, which can assist Architects and Specifiers in the selection of the right product for any given project. Should none of our standard systems meet your project requirements, we can provide you with a tailor made system which will cater for your individual project needs.

We have available a list of contractors who have received specialist training in applying C/S **Wallglaze™** performance coatings.

NEW!

On-site training service, under the guidance of one of our experienced supervisors, available for new and existing applicators of C/S **Wallglaze™** systems. Please contact us at 01296 611000.

Why choose **C/S Wallglaze™** performance coatings?

- **Hygiene**
- **Performance**
- **Lifecycle Costs**

● **Hygiene**

All C/S **Wallglaze™** performance coatings inhibit microbes metabolising and multiplying, which remains effective throughout the life of the coating system. **MRSA** resistance is standard in most of our systems.

● **Performance**

C/S **Wallglaze™** performance coatings are extremely durable. They are easily maintained and withstand repeated cleaning without degradation to the surface or performance.

Unlike traditional coatings, they are designed to offer a long life capability, reduce maintenance costs and provide long term savings. Our performance coatings are resistant to a wide range of chemicals, oils, water, steam, impact and abrasion.

● **Lifecycle Costs**

C/S **Wallglaze™** performance coatings are formulated so that the high resin content increases durability, thus reducing lifecycle costs. Whereas traditional coatings may need to be replaced as much as five times within a ten year lifecycle, C/S **Wallglaze™** performance coatings will generally last for this duration with the minimum of maintenance.

Wallsheen™

For general use in heavily trafficked circulation areas where hygiene and performance are important, such as schools, offices, hospital wards, corridors, staircases and waiting areas.

Wallshield™

For use in periodically 'wet' environments where high durability and hygiene are primary concerns, such as category 1 & 2 laboratories, food preparation areas, showers, toilets and leisure changing rooms. It is ideal for restoring tiled surfaces that no longer meet stringent food and hygiene regulations, or in place of a traditional tiling solution.

Wallflex®

For use in category 2 & 3 laboratories, clean rooms, operating theatres, x-ray and other medical sterile areas where stringent hygiene maintenance is a pre-requisite.

Armourglaze™

For use in areas that require high chemical resistance and areas that are subject to aggressive cleaning regimes that require an extremely high performance coating.

This coating also provides exceptional protection for areas that are subject to constant graffiti attack.

Armourlac™

A clear coating for use in aggressive environmental conditions where a coating is required to protect the natural aesthetics of the building materials used; or to provide an anti-graffiti coating to existing decorated surfaces.

Features:

Environment:

Finishes:

Pigmentation:

- » Self sterilising – kills surface bacteria
- » Performance - highly durable
- » Easy to clean - low maintenance
- » Reduced lifecycle costs - increased intervals between recoating

Interior

Eggshell

Coloured



page 4

Incorporates all the features of **Wallsheen** as well as:

- » Increased resilience - greater chemical and solvent resistance
- » Increased durability - enhanced performance capabilities

Interior

Eggshell or Gloss

Coloured



page 5

Incorporates all the features of **Wallshield** as well as:

- » Increased elastopolymeric properties - all junctions and fixtures are sealed prior to coating to provide a seamless system

Interior

Eggshell or Gloss

Coloured



page 6

Incorporates all the features of **Wallshield** as well as:

- » High cross linked density - produces a tough, impervious, tile-like surface
- » Extremely chemical and UV resistant
- » The ultimate non sacrificial anti-graffiti coating

Interior and Exterior

Eggshell or Gloss

Coloured or Clear



page 7

- » Zero VOC
- » Durable
- » Highly chemical and UV resistant
- » Provides a highly resistant non-sacrificial anti-graffiti coating to existing decorated surfaces

Interior and Exterior

Eggshell or Gloss

Clear



page 8

C/S Wallsheen™ Performance Coating



Top - MOD Abbey Wood, Bristol
Bottom - London City Airport

TYPICAL USAGE

Designed for general use in heavily trafficked circulation areas where hygiene and performance are important such as:

- schools
- offices
- hospital wards
- corridors
- staircases
- waiting areas

PRODUCT DESCRIPTION

C/S Wallsheen™ is a water based, durable system that is self-sterilising and easy to clean.

The high resin content of the product makes it more durable than normal emulsions, this in turn increases the interval needed between recoating, reducing maintenance and lifecycle costs.

An independent report has shown that C/S Wallsheen™ can be up to five times more economical to specify over a ten year period than standard emulsions.

FINISHES

Available in Eggshell finish.

PIGMENTATION

Coloured

PERFORMANCE

C/S Wallsheen™ is resistant to a wide range of chemicals, abrasion, water, bacteria and fungi.

CLEANING

C/S Wallsheen™ will withstand repeated cleaning with mild detergents throughout its life.

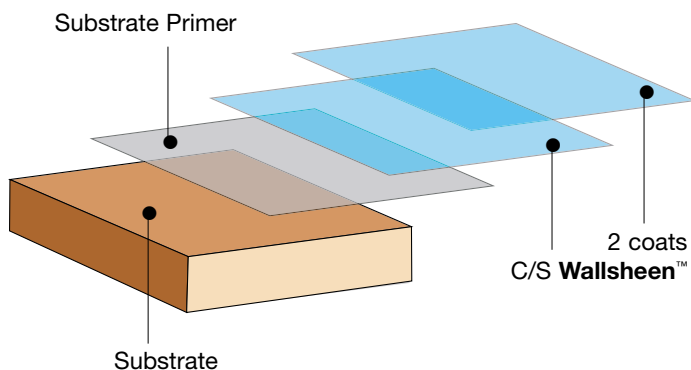
MODEL SPECIFICATION CLAUSES

M60 PAINTING/CLEAR FINISHING

111A PERFORMANCE COATING

- *Manufacturer and reference: C/S Wallglaze Wallsheen performance coating system by Construction Specialties (UK) Ltd, Tel: +44 (0) 1296 611000 Fax: +44 (0) 1296 399444*
- *Surface(s):*
- *Preparation: Dry, clean and free from grease dirt and laitance*
- *Initial Coat(s): One coat of Substrate Primer**
- *Intermediate Coat(s):*
- *Finishing Coat(s): Two coats of Wallsheen finish at 7m²/kg*

* **Note:** See technical information for correct choice of Substrate Primer.



Product	Coverage Rates	Drying Times
Penetration Primer**	8m²/kg	1-2 hrs
Wallsheen	7m²/kg	4 hrs

Note: Coverage Rates and Drying Times are per coat based on coating to grey faced plasterboard. White colour may require an extra coat for effective coverage.

** Different Substrate Primer Options will have varying Coverage and Drying Times depending on temperature and humidity, please see technical data on Substrate Primers for further details (page 9)

C/S Wallshield™ Performance Coating



Top - Inmarsat, London
Bottom - Shower Area Refurbishment, Tokyo

TYPICAL USAGE

Designed for use in periodically 'wet' environments where high durability and hygiene are primary concerns such as:

- category 1 and 2 laboratories
- food preparation areas
- showers
- toilet areas
- leisure changing rooms

PRODUCT DESCRIPTION

C/S Wallshield™ is a solventless, self-sterilising system that affords long life protection against bacteria, fungi and chemicals. It is a low cost method of providing a durable, seamless, hygienic coating onto new or existing finishes. It is particularly suitable for coating existing tiled finishes which no longer meet stringent food and hygiene regulations; but also in place of a traditional tiling solution.

FINISHES

Available in Eggshell or Gloss finish.

PIGMENTATION

Coloured

PERFORMANCE

C/S Wallshield™ is highly resistant to a range of Oils (animal/vegetable/mineral); Urine, Sewage and Blood; Salt, Beer and Molasses; Petrol and Paraffin; Diacetone and Isopropyl Alcohol; Ethylene Glycol; Sulphuric Acid (20%); Hydrochloric Acid (10%); Nitric Acid (10%); Lactic Acid (25%); Caustic Soda (10%); Water, Steam and has a high resistance to diffusion of CO₂.

CLEANING

C/S Wallshield™ will withstand repeated cleaning with alkaline detergents, antiseptics and mild fumigation treatments without any degradation to surface or performance.

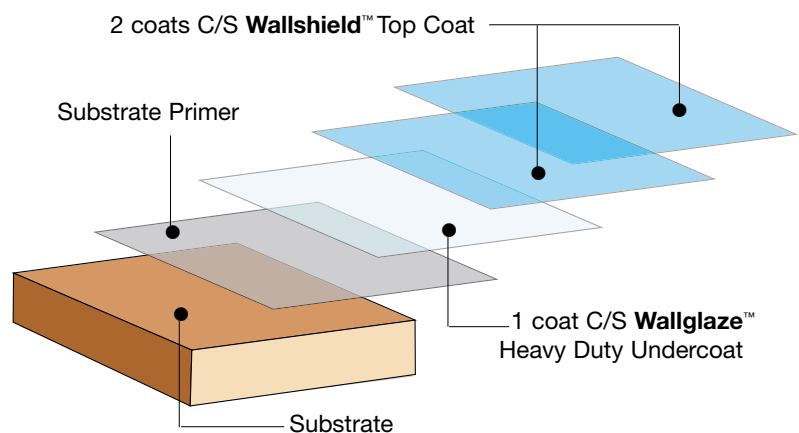
MODEL SPECIFICATION CLAUSES

M60 PAINTING/CLEAR FINISHING

111A PERFORMANCE COATING

- *Manufacturer and reference: C/S Wallglaze Wallshield performance coating system by Construction Specialties (UK) Ltd, Tel: +44 (0) 1296 611000 Fax: +44 (0) 1296 399444*
- *Surface(s):*
- *Preparation: Dry, clean and free from grease dirt and laitance*
- *Initial Coat(s): One coat of Substrate Primer**
- *Intermediate Coat(s):
- One coat of Wallglaze Heavy Duty Undercoat at 7m²/kg*
- *Finishing Coat(s): Two coats of Wallshield Top Coat finish at 8.5m²/kg*

* **Note:** See technical information for correct choice of Substrate Primer.



Product	Coverage Rates	Drying Times
Penetration Primer**	8m²/kg	1-2 hrs
Heavy Duty Undercoat	7m²/kg	4 hrs
Wallshield Top Coat	8.5m²/kg	4 hrs

Note: Coverage Rates and Drying Times are per coat based on coating to grey faced plasterboard. Dark colours may require a coloured undercoat. In wet areas the C/S Wallglaze Mastic system must be used.

** Different Substrate Primer Options will have varying Coverage and Drying Times depending on temperature and humidity, please see technical data on Substrate Primers for further details (page 9)

C/S Wallflex® Performance Coating



Top - MAT Technologies, UK
Bottom - Northampton General Hospital, UK

TYPICAL USAGE

Designed for use in areas where stringent hygiene maintenance is a pre-requisite such as:

- category 2 and 3 laboratories
- pharmaceutical clean rooms
- operating theatres
- medical sterile and X-Ray areas

PRODUCT DESCRIPTION

C/S Wallflex™ is a long-life, self-sterilising system which actively inhibits the build-up of any form of bacteria or fungi and is proven to be **MRSA** resistant.

C/S Wallflex™ uses integral elastopolymeric sealants around all junctions and fixtures to provide a totally seamless system. This flexibility helps eliminate any cracking around interfaces that would ordinarily be a potential breeding ground for bacteria, providing an extremely hygienic environment to work in.

FINISHES

Available in Eggshell or Gloss finishes.

PIGMENTATION

Coloured

PERFORMANCE

C/S Wallflex® is highly resistant to a range of Oils (animal/vegetable/mineral); Urine, Sewage and Blood; Salt, Beer and Molasses; Petrol and Paraffin; Diacetone and Isopropyl Alcohol; Ethylene Glycol; Low Formaldehyde Solution; Sulphuric Acid (20%); Hydrochloric Acid (10%); Nitric Acid (10%); Lactic Acid (25%); Caustic Soda (10%); Water and Steam and is resistant to the effects of radiation, from which it can be decontaminated.

CLEANING

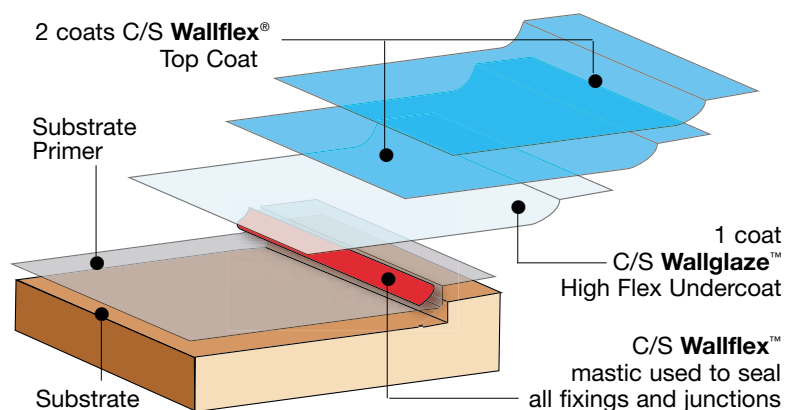
C/S Wallflex® will withstand repeated cleaning with alkaline detergents, antiseptics and mild fumigation treatments without any degradation to surface or performance.

MODEL SPECIFICATION CLAUSES

M60 PAINTING/CLEAR FINISHING

111A PERFORMANCE COATING

- *Manufacturer and reference: C/S Wallglaze Wallflex performance coating system by Construction Specialties (UK) Ltd, Tel: +44 (0) 1296 611000 Fax: +44 (0) 1296 399444*
- *Surface(s):*
- *Preparation: Dry, clean and free from grease dirt and laitance*
- *Initial Coat(s): One coat of Substrate Primer**
- *Intermediate Coat(s):*
 - *Seal all junctions and fixtures with Wallglaze one part polysulphide sealant*
 - *Apply one coat of Wallglaze High Flex Undercoat at 8m²/kg*
- *Finishing Coat(s): Two coats of Wallflex Top Coat finish at 8.5m²/kg*
- *Apply where necessary Wallglaze Silicone sealant to seal edges joints etc.*



Product	Coverage Rates	Drying Times
Penetration Primer**	8m²/kg	1-2 hrs
High Flex Undercoat	8m²/kg	2 hrs
Wallflex Mastic		8 hrs
Wallflex Top Coat	8.5m²/kg	4 hrs

Note: Coverage Rates and Drying Times are per coat based on coating to grey faced plasterboard. Dark colours may require a coloured undercoat.

** Different Substrate Primer Options will have varying Coverage and Drying Times depending on temperature and humidity, please see technical data on Substrate Primers for further details (page 9)

* **Note:** See technical information for correct choice of Substrate Primer.

C/S Armourglaze™ Performance Coating



Top - Hereford Hospital Mortuaries, UK
Bottom - Coppetts Wood Isolation Hospital, UK

TYPICAL USAGE

Designed for use in areas that require high chemical resistance and areas that are subject to aggressive cleaning regimes that require an extremely high performance coating such as:

- category 3 and 4 laboratories
- pharmaceutical clean rooms
- mortuaries
- veterinarian hospitals
- agricultural establishments
- zoos
- areas that are subjected to constant graffiti abuse

PRODUCT DESCRIPTION

C/S Armourglaze™ has a high cross linked density that produces a tough, impervious, tile-like surface, which prevents chemicals and graffiti from penetrating. This allows the most aggressive chemicals and decontamination processes to be used without affecting the surface properties or the non-sacrificial, anti-graffiti capabilities.

FINISHES

Available in Eggshell and Gloss finishes.

PIGMENTATION

Coloured or Clear

PERFORMANCE

C/S Armourglaze™ is extremely resistant to a wide range of chemicals and solvents used in the removal of graffiti, fumigation and decontamination processes.

CLEANING

C/S Armourglaze™ will withstand repeated cleaning with alkaline detergents, antiseptics and fumigation treatments without any degradation to surface or performance

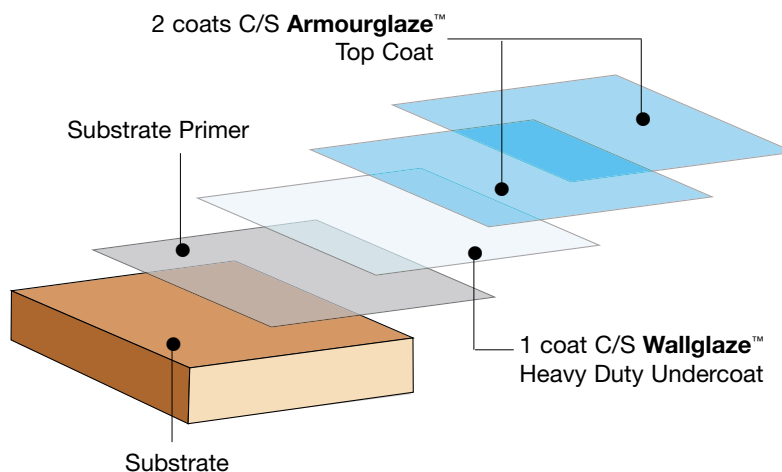
MODEL SPECIFICATION CLAUSES

M60 PAINTING/CLEAR FINISHING

111A PERFORMANCE COATING

- *Manufacturer and reference: C/S Wallglaze Armourglaze performance coating system by Construction Specialties (UK) Ltd, Tel: +44 (0) 1296 611000 Fax: +44 (0) 1296 399444*
- *Surface(s):*
- *Preparation: Dry, clean and free from grease dirt and laitance*
- *Initial Coat(s): One coat of Substrate Primer**
- *Intermediate Coat(s):
- Apply one coat of Wallglaze Heavy Duty Undercoat at 7m²/kg*
- *Finishing Coat(s): Two coats of Armourglaze Top Coat finish at 8.5m²/kg*

* **Note:** See technical information for correct choice of Substrate Primer.



Product	Coverage Rates	Drying Times
Penetration Primer**	8m²/kg	1-2 hrs
Heavy Duty Undercoat	7m²/kg	4 hrs
Armourglaze Top Coat	8.5m²/kg	4 hrs

Note: Coverage Rates and Drying Times are per coat based on coating to grey faced plasterboard. Dark colours may require a coloured undercoat.

** Different Substrate Primer Options will have varying Coverage and Drying Times depending on temperature and humidity, please see technical data on Substrate Primers for further details (page 9).

C/S Armourlac™ Performance Coating



Top - Housing Estate Stairwell subject to severe graffiti abuse
Bottom - Subsequent refurbishment using Armourlac

TYPICAL USAGE

Designed for use in aggressive environmental conditions where a coating is required to protect the natural aesthetics of the building materials used; or to provide an anti-graffiti coating to previously decorated surfaces such as:

- industrial, commercial and residential buildings
- schools
- shopping centres
- subways
- train and underground stations
- car parks
- monuments and historic buildings

PRODUCT DESCRIPTION

C/S Armourlac™ is a highly durable, impact and abrasion resistant, zero VOC, clear product that is designed to offer protection to vulnerable surfaces from chemical and environmental attack.

Its high cross linked density produces a very resilient and non-porous coating that provides a highly resistant, non-sacrificial, anti-graffiti surface.

FINISHES

Available in Eggshell and Gloss finishes.

PIGMENTATION

Clear

PERFORMANCE

C/S Armourlac™ is highly resistant to alkalis, impact, abrasion, water and inhibits a range of fungi found within the building environment.

CLEANING

C/S Armourlac™ will withstand repeated cleaning with solvents and detergents throughout its life.

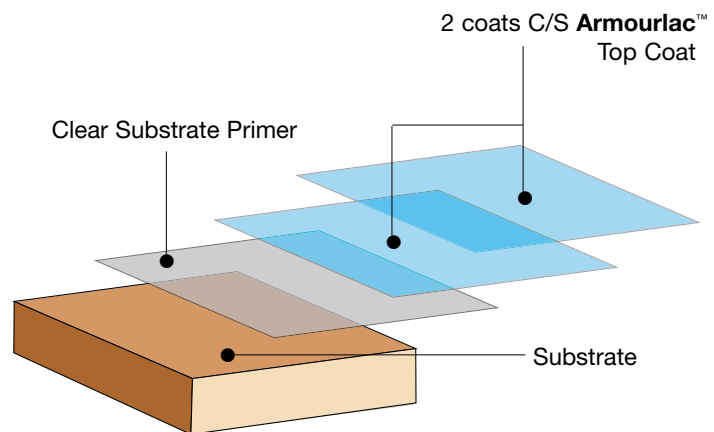
MODEL SPECIFICATION CLAUSES

M60 PAINTING/CLEAR FINISHING

111A PERFORMANCE COATING

- *Manufacturer and reference: C/S Wallglaze Armourlac performance coating system by Construction Specialties (UK) Ltd, Tel: +44 (0) 1296 611000 Fax: +44 (0) 1296 399444*
- *Surface(s):*
- *Preparation: Dry, clean and free from grease dirt and laitance*
- *Initial Coat(s): One coat of Clear Substrate Primer**
- *Intermediate Coat(s):*
- *Finishing Coat(s): Two coats of Armourlac Top Coat finish at 12m²/kg*

* **Note:** See technical information for correct choice of Substrate Primer.



Product	Coverage Rates	Drying Times
Penetration Primer**	8m²/kg	1-2 hrs
Armourlac Top Coat	12m²/kg	4 hrs

» | Please specify a clear version of a primer for use with this product.

Note: Coverage Rates and Drying Times are per coat based on coating to grey faced plasterboard. When applying C/S Armourlac over previously decorated surfaces it is advised that you trial the material first.

** Different Substrate Primer Options will have varying Coverage and Drying Times depending on temperature and humidity, please see technical data on Substrate Primers for further details (page 9).

C/S Wallglaze™ Technical Information

SUBSTRATE PRIMERS

The table shown is designed to give the specifier an indication of which primer to select for a given substrate when using C/S Wallglaze™ performance coatings. If in any doubt regarding your primer selection, or for a substrate not shown, contact our **Technical Department** on **+44 (0) 1296 611000** who will be pleased to assist you.

Substrate	Primer	Coverage Rates*	Drying Times*
Plaster/Plasterboard	C/S Penetration Primer	8m ² /kg	1-2 hrs
Sand/Cement Render	C/S Penetration Primer	6m ² /kg	1-2 hrs
Concrete	C/S Penetration Primer	6m ² /kg	1-2 hrs
Brickwork	C/S Penetration Primer	8m ² /kg	1-2 hrs
Blockwork	C/S Penetration Primer	8m ² /kg	1-2 hrs
Ceramic Tiles	C/S Multi Surface Primer	12m ² /kg	1-2 hrs
Softwood/MDF/Plywood	C/S Penetration Primer	8m ² /kg	1-2 hrs
Metals	C/S Multi Surface Primer	12m ² /kg	1-2 hrs
High Pressure Laminates	C/S Multi Surface Primer	12m ² /kg	1-2 hrs
Plastics	C/S Plastic Primer	20m ² /kg	1-2 hrs

Note: A clear version of each of the above primers is available for use with clear **Armourglaze** and **Armourlac** coating systems

*Per coat - variable depending on type and/or temperature and humidity

FIBREGLASS REINFORCEMENT

Where greater resistance to impact or abrasion is required, C/S Wallglaze™ offer two fibreglass reinforcement options that may be incorporated in to the **Wallshield**, **Wallflex** or **Armourglaze** coating systems. Both reinforcement options are applied directly on top of any of the standard Wallglaze primers, prior to application of the Wallglaze coating system.

FG Light reinforcement is a lightweight fibreglass tissue, applied as a single layer. As well as offering improved impact resistance over standard Wallglaze coatings, this option is particularly useful where the existing wall surface may incorporate old minor cracking or unevenness.

FG Heavy reinforcement is a heavyweight dual gauge fibreglass system, applied in two layers. This option provides the ultimate in impact resistance and durability within a performance coating system. In many cases it also allows direct coating over heavily cracked and uneven wall surfaces, without the need for raking out, filling etc.

Note:

Where application is over cracked or uneven surfaces, it should be ensured that the substrate is stable and that no further cracking is likely to occur.

COLOUR SELECTION

Uniquely versatile, with a colour range to match any and every situation

C/S Wallglaze™ recognises that colour can often rate as high in priority as product performance, our range of colours therefore match this requirement.

C/S Wallglaze™ performance coatings are available in a range of colour options including BS, RAL or NCS type colours. We can also colour match to a specific requirement or sample.



Note:

There may be batch to batch colour variation, colours are matched to ΔE 1.5 (CIE LAB, D65)

C/S Wallglaze™ Technical Information

ANTI-MICROBIAL TESTING

C/S Wallglaze™ performance coatings have been tested and proven effective against a range of bacteria including species associated with food poisoning, septicaemia, gastroenteritis etc.

Anti-microbial tests on C/S Wallglaze™ performance coatings showed that after a 24hr period there was complete inhibition to:

- Staphylococcus aureus (Oxford)
- Staphylococcus aureus (MRSA)
- Streptococcus
- Enterococcus faecalis
- Escherichia coli
- Salmonella typhimurium
- Pseudomonas aeruginosa
- Corynebacterium diphtheriae (non-toxic)
- Bacillus subtilis

CHEMICAL AND BIOCIDAL RESISTANCE

C/S Wallglaze™ coatings are formulated to inhibit bacterial and fungal growth, are resistant to abrasion, water and a wide range of chemicals.

C/S Wallglaze™ performance coatings conform to EC Directives and Environmental Health Officers regulations relating to materials and articles intended to come into contact with foodstuffs.

For more complete Chemical and Biocidal resistance test data, please contact us on **+44 (0) 1296 611000** and ask for our **Technical Department** who will be pleased to help.

COSHH REGULATIONS

Construction Specialties (UK) Limited comply with the statutory requirements for the Control of Substances Hazardous to Health Regulations 1994 (COSHH) (S11994 No.3246), MSD Sheets are available on request.

ENVIRONMENTAL ISSUES

The **C/S Group** are committed to protecting the environment and operates an ongoing investment into the research and development of new and existing products that are water based, solvent free and harmonise with environmental considerations.

C/S Wallglaze™ performance coatings are produced efficiently, keeping waste to a minimum, where possible waste material is recycled.

FIRE RESISTANCE

C/S Wallglaze™ performance coatings comply with the requirements for a Class 1 spread of flame with a Class 0 designated surface as defined in paragraph A8(g) of Approved Document B, 'Fire' to the Building Regulations 1991 (2000 edition) and tested in accordance with BS 476: Part 6: 1989 and Part 7: 1987

GENERAL INFORMATION

C/S WALLGLAZE PRODUCT DESIGN/FORMULATION

The company reserves the right to make composition changes for the purpose of product improvement, or to withdraw any product without notice.

C/S WALLGLAZE SAMPLES

Samples of all products are available on request.

C/S WALLGLAZE TECHNICAL SUPPORT

For further technical assistance please contact our **Technical Department** on **+44 (0) 1296 611000**.

C/S WALLGLAZE EXPORT SUPPORT

C/S Wallglaze™ coatings are recognised and exported world-wide. The **C/S Group** have a global network of operations capable of servicing even the most far reaching of market areas.

WARRANTY POLICY

Construction Specialties (UK) Limited (the Company) warrants to its purchasers that their C/S Wallglaze™ products sold, will be free from defects in materials or workmanship and will meet the product criteria noted in our brochures when properly applied, installed and maintained. If, in the sole opinion of the Company, a product covered by this warranty is defective, the Company will replace it free of charge. This warranty shall extend for a period of two years following shipment by the Company. This is in lieu of all warranties expressed or implied, and is the sole warranty extended by the Company. The liability of the Company under this warranty is limited to replacement only, and does not include any responsibility for consequential or other damages of any nature.

INSTALLATION SERVICE

The **C/S Group** offer a complete installation package through their sister company **Conspec Contracts Ltd**. They provide full site surveys, implement installation programmes, supervise and advise on suitability of material. For further information or estimate contact us on **+44 (0) 1296 611000**

C/S Wallglaze™ UK and Global Projects

Glasgow Royal Infirmary - Glasgow, Scotland

Hairmyres Hospital - East Kilbride, Scotland

Law Hospital - Carlisle, Scotland

HMP Barlinnie - Glasgow, Scotland

Scanner Unit Edinburgh Western Infirmary - Scotland

Tesco Stores - Throughout the UK

Astra Zeneca - Loughborough, England

Mailbox - Birmingham, England

Inmarsat - London, England

Nottingham City Hospital - Nottingham, England

Chelsea & Westminster Hospital - London, England

Wythenshawe Hospital - Manchester, England

Queen Elizabeth Hospital - Woolwich, England

Cambridge University - Cambridge, England

Oxford University - Oxford, England

Wootton Bassett School - Swindon, England

Castle Hill Hospital - Hull, England

Piccadilly Station - Manchester, England

Bristol University - Bristol, England

Royal Sussex County Hospital - Brighton, England

Royal Berkshire Hospital - Reading, England

Hereford Hospital - Hereford, England

Nevill Hall Hospital - Abergavenny, Wales

London City Airport - London, England

MOD Abbey Wood - Bristol, England

Gerber Foods - Bridgwater, England

Holiday Inn Express - Salford Quays, England

Sparkhill Swimming Pool - Birmingham, England

Coppetts Wood Isolation Hospital - London, England

Glasgow International Airport - Glasgow, Scotland

PDSA - various locations, UK

Naas General Hospital - County Kildare, Eire

Royal Omani Hospital - Muscat, Oman

Corniche Hospital - Abu Dhabi, UAE

Al-Zahra Hospital - Dubai, UAE

Vienna Hospital - Austria

Heiligenhafen Psychiatric Clinic - Germany

Medical City Hospital - Baghdad, Iraq

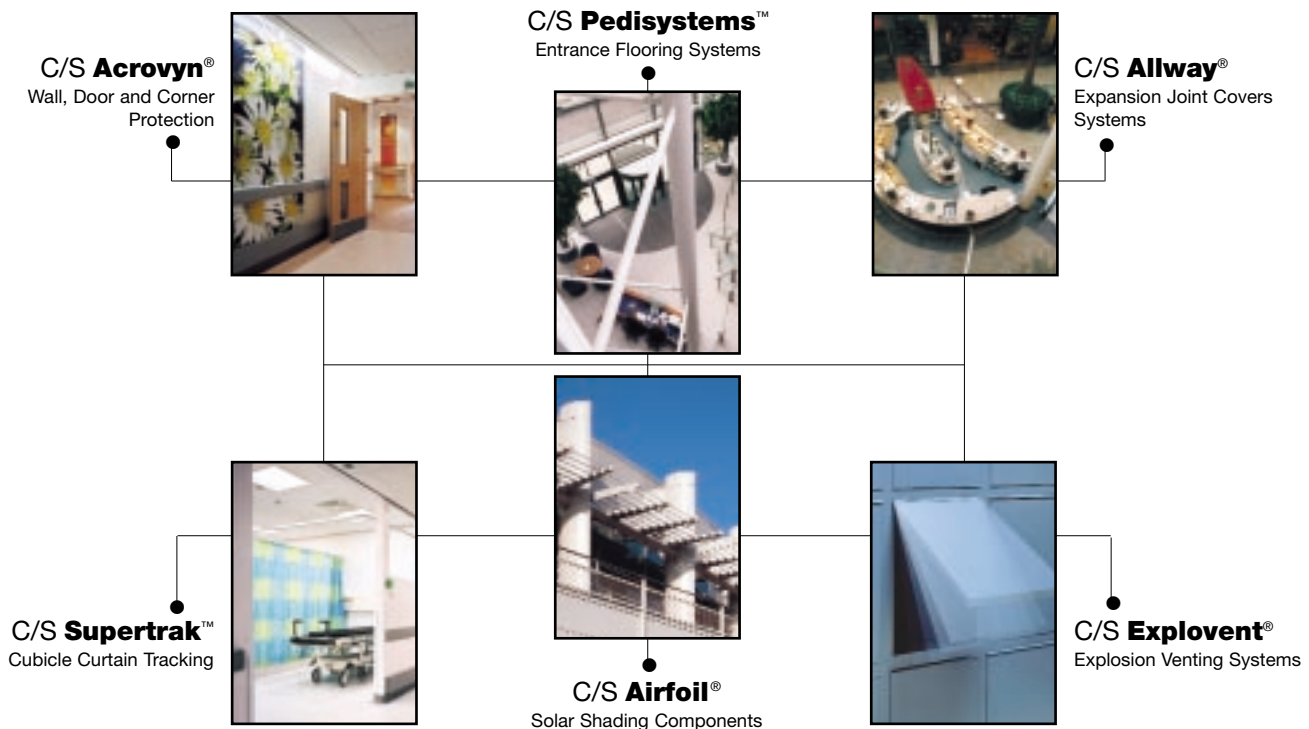
Metro Stations - Amsterdam, Netherlands

Japan Railways - Tokyo, Japan

NTT Japan Telephone Company - Tokyo, Japan

Dibba Hospital - UAE

C/S Group® Other Products



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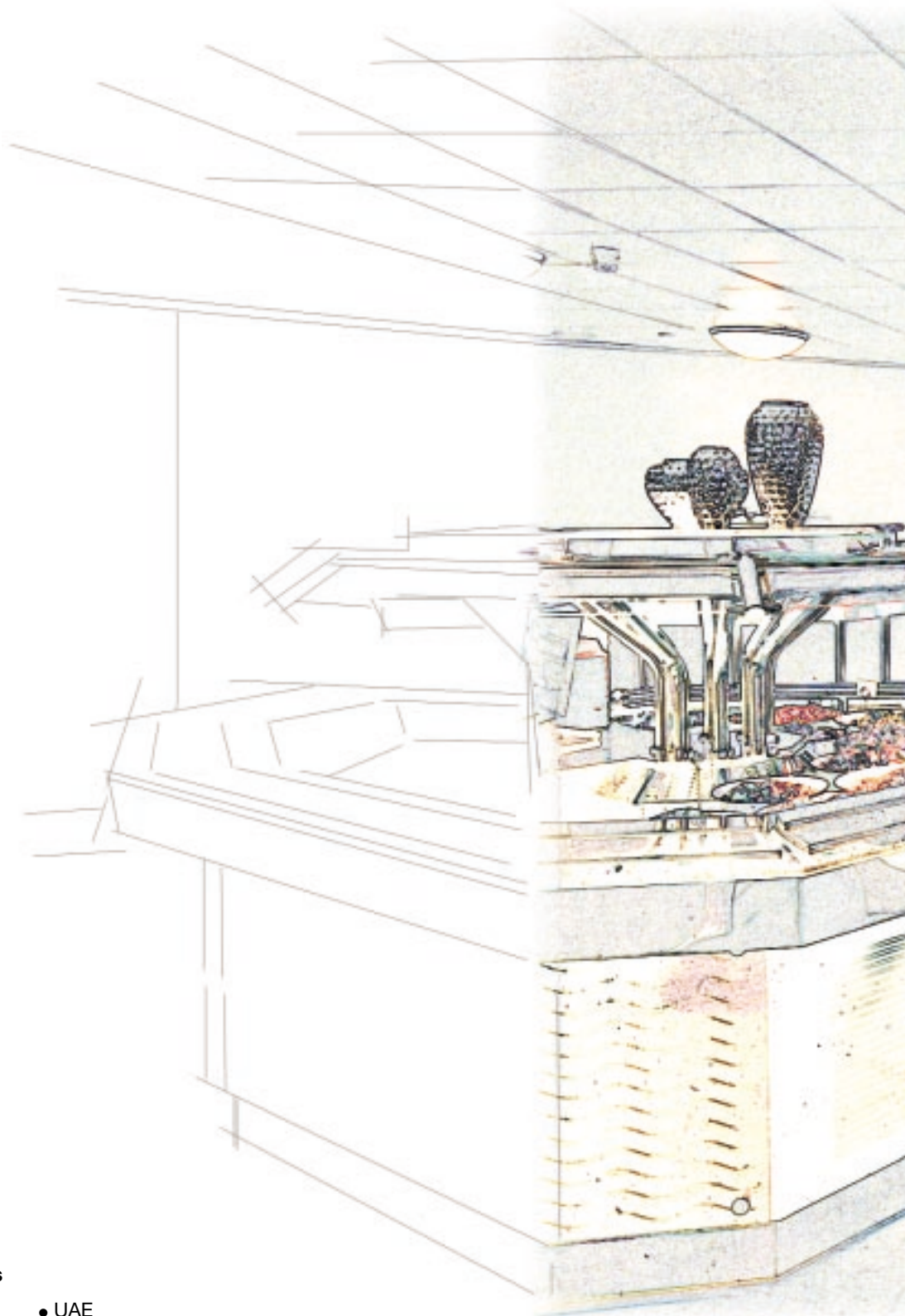
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Australia

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