

# C/S Concrete Sealer™ - Technical Data Sheet

SYSTEM DESCRIPTION  
& USES

**DESCRIPTION**

C/S Concrete Sealer™ is a low solids and low build water based coating that controls the dust emanating from the concrete surface. The system is clear and penetrates into the top layer of the concrete. It cures with a low odour and forms a matt (low glare) finish, which is easily cleaned and resistant to mild cleaning agents and abrasives. C/S Concrete Sealer™ will allow water to permeate through the film rather than cause blisters. It is suitable for internal use only.

**MAIN AREAS OF USE**

- Medium Traffic Areas
- Covered Car Parks
- Warehouses
- Basement Areas
- Any concrete structure that requires a dust sealer

TEST DATA

**ADHESION STRENGTH** (BS EN 24624:1993)  
Comparable to the concrete

**SPECIFIC GRAVITY** (BS 3900-A19:1998; ISO 2811; ASTM D1475)  
1.05

**CHEMICAL RESISTANCE**  
Mild cleaning chemicals

**GLOSS UNITS** (ASTM D523)  
<14 at 60° viewing angle

**APPROXIMATE SOLIDS CONTENT** (BS 3900)  
9% by volume  
11% by weight

**VOC LEVEL OF THE SYSTEM**  
<0.2g/ltr

SUBSTRATE  
PREPARATION

**SUBSTRATE MOISTURE & APPLICATION CONDITIONS**

Substrate moisture should not exceed **12 units** as measured on a protimeter (or equivalent device).

Do not apply when the substrate temperature is **below 5°C**. Coating conditions must remain at **least 3°C** above the dew point.

**ALL SUBSTRATES**

Substrates that exhibit signs of bacteria or fungal growth prior to application must be treated with C/S Wallglaze® Fungal Cleaner.

SYSTEM  
APPLICATION

**C/S CONCRETE SEALER™**

Two coats of C/S Concrete Sealer™ (Single Pack) are applied to concrete surface by Brush and Roller (long pile roller) or Spray (Conventional 6 to 9" spray fan, or Airless 13 thou tip). Allow to dry (2→4 hours @ 20°C @ 60% RH) before applying second coat.

Always sand lightly between coats.

*Note: Detailed Application Instructions will be issued with the product. Copies of Application Instructions can also be requested on +44 (0)1296 652800*

COVERAGE  
& PACK SIZES

Product	Coverage Rates	Pack Sizes (ltr)	Recommended Build Thickness	
			Wet Film	Dry Film
Concrete Sealer™	10-12 m <sup>2</sup> /ltr	5, 10 and 20 (Single Pack)	180µ→200µ (2 coats)	40µ→50µ (2 coats)

**SHELF LIFE  
& STORAGE**

**STORAGE**

Always store out of sunlight at temperatures between 5°C and 35°C

**SHELF LIFE**

2 years from manufacture when stored correctly and unopened.

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**OPERATIONAL  
TEMPERATURE**

**OPERATIONAL TEMPERATURE**

C/S Concrete Sealer™ once applied and cured is stable in temperatures between -5°C and 50°C.

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**HEALTH &  
SAFETY**

Always read the Material Safety Data Sheets of the products before commencing any application.  
Copies of Material Safety Data Sheets are available on request from our Customer Service Team on +44 (0)1296 652800.

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**OTHER  
INFORMATION**

**OTHER SUPPORTING INFORMATION AVAILABLE**

- C/S Wallglaze® Performance Coatings brochure
- C/S Wallglaze® Product Guide for Specifiers and Users
- NBS Style Specification Clauses
- C/S Concrete Sealer™ Maintenance Instructions
- C/S Concrete Sealer™ Application Instructions

