

Appendix 13.2

[Product Information & Brochures]

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SILICONE THIN COAT (TC)

Silicone TC

Silicone TC is a ready to use organic resin render which is applied to provide a low maintenance textured finish. It is available in different textures and a wide variety of colours. Prior to application the substrate should be primed using Primer TC.

Require:

Silicone TC 15: 2.5 kg / sq m approx.

Silicone TC 30: 5.0 kg / sq m approx.

Product classification according to BS EN 15824:2009

Coating Material DIN 18558 - P Org 1

A water-dilutable product for exterior and interior use.

Water vapour permeability - Category V2;

Water absorption - Category W3;

Adhesion - 0.65 MPa.

Thermal Conductivity:

λ 10, dry (P=50%) = 0.83;

λ 10, dry (P=90%) = 0.93;

Reaction to fire - Class B-s2,d0

Product Classification (DIN 18558)

Coating Material DIN 18558 - P Org 1

Primer TC

Primer TC is a low odour, ready to use primer which is quick and easy to apply by brush, roller or spray. It is available in a wide range of colours which are co-ordinated to the colour of the Silicone TC topcoat.

Primer TC should be used after the application of K Rend base coat and before Silicone TC.

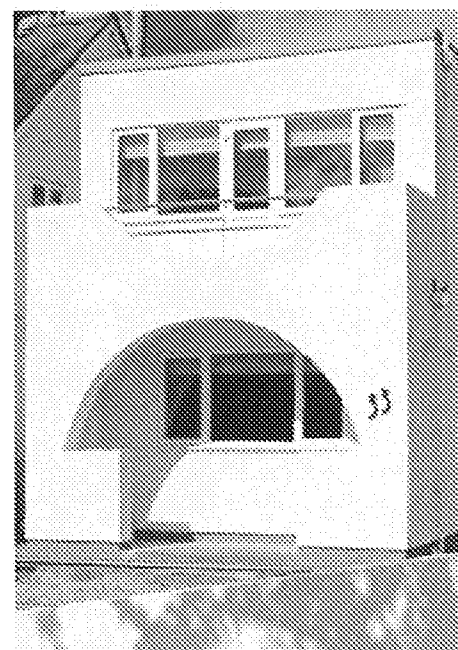
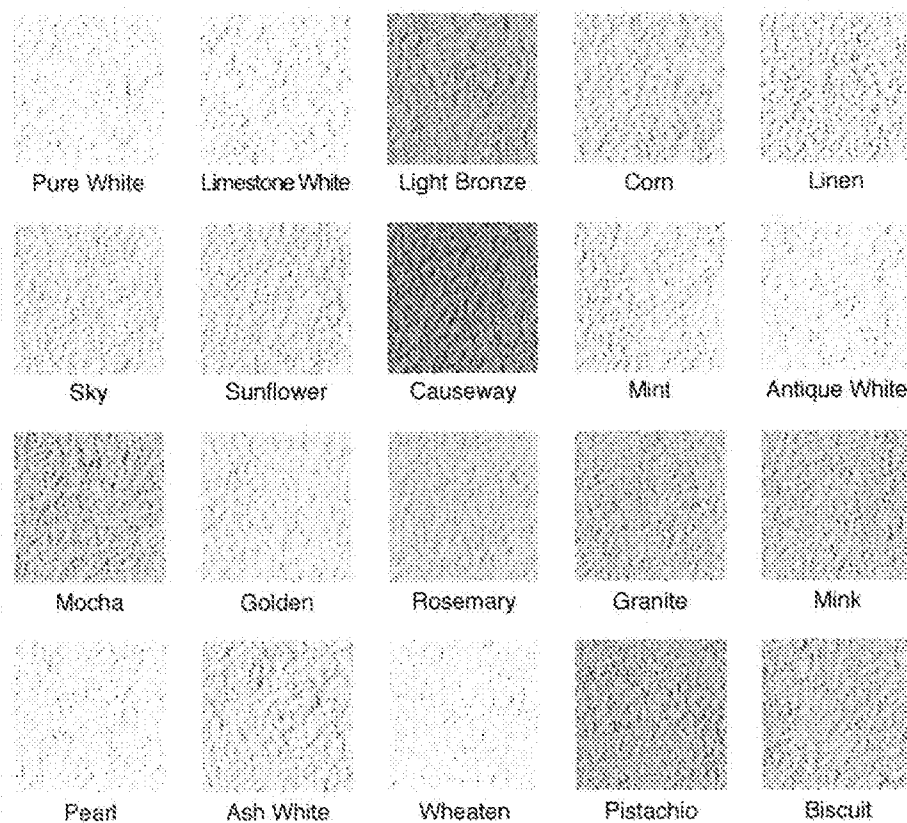
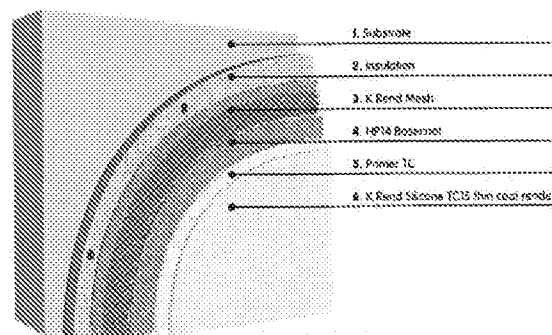
Require:

Primer TC - 0.25 kg / sq m approx.

Composition:

A water-dilutable Acrylic resin dispersion.

The Thin Coat range is particularly suitable where lightweight render systems are required, such as an external wall insulation system (illustrated below).

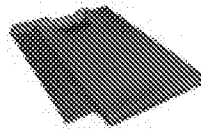
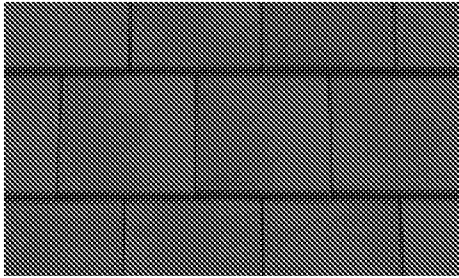


All full colour illustrations shown in this brochure are as accurate as the printing process will allow. It is important that a sample is obtained as we recommend colours be verified against K Rend Thin Coat samples before ordering.

Above: 20 standard Thin Coat colours. Extensive colour range also available using MCS (see page 8)



FONTENELLE CLAY TILE



The trend towards plain tile appearance roofs has extended in recent times to clay tiles. In recognition of this, we have launched Fontenelle, an interlocking clay plain tile.

Following the launch of Fontenelle in colour 82 Brindle, we have extended the range to include two further colours: 79 Black and 80 Red.

The tile range comprises main tiles, Tile-and-a-Halves, Left Hand Verge Tiles and Left Hand Verge Tile-and-a-Halves.

Tile-and-a-Halves are used in alternate courses with main tiles at right hand verges/abutments.

Left Hand Verge Tiles and Left Hand Verge Tile-and-a-Halves are used in alternate courses at left hand verges/abutments. Tile-and-a-Halves are also used for raking cuts at hips and valleys.

A Fontenelle 4.5k ThruVent Tile is also available.

AUTHORITY

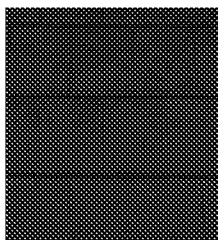
Fontenelle clay plain tiles conform to BS EN 1304:2013 Clay roofing tiles and fittings - Product definitions and specifications.

PERFORMANCE

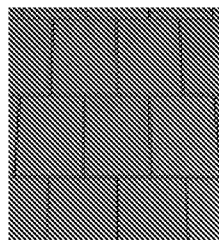
Fontenelle clay plain tiles have been rigorously tested in the Group wind tunnel where combinations of high wind and driving rain are used to determine the tile performance with respect to wind loading and weathertightness. Tiles will meet all the requirements of BS 5534: 2014 Code of practice for slating and tiling (including shingles), providing Redland fixing recommendations are complied with.

AVAILABLE COLORS

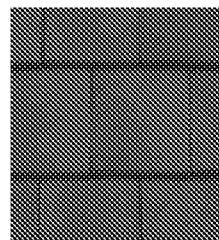
Surface All Smooth finish



FONTENELLE CLAY TILE
Black 79
Smooth finish



FONTENELLE CLAY TILE
Red 80
Smooth finish



FONTENELLE CLAY TILE
Brindle 82
Smooth finish

CS 104

Solution for passive construction

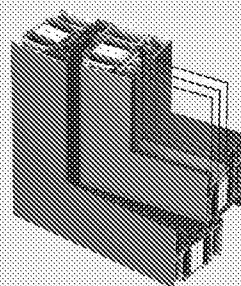
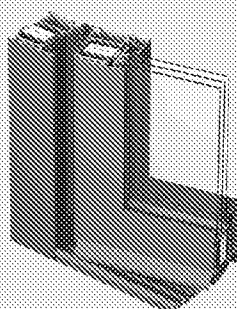
R
REYNAERS
aluminium

With the CS 104 window and door system, Reynaers achieves unparalleled insulation values for aluminium profiles in the building industry, introducing a solution for passive buildings.

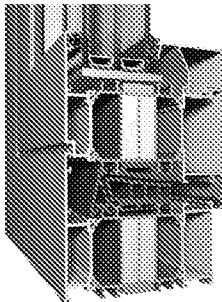
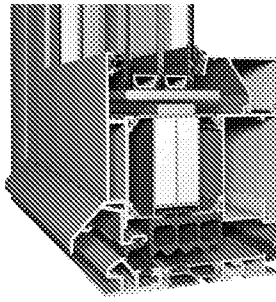
The high insulation levels, down to an Uf-value of 0.88 W/m²K, are achieved by the use of a patented insulation technology which contains a special foam, firmly fixed in the chamber of the insulation strip so that no extra manipulation is required when handling, processing and composing the window and door. A new set of specifically developed gaskets also assures the high level of the wind and water tightness of the system. After insulation, air tightness is the most important factor determining the energy efficiency of a window or door.

In addition to the high insulation values, CS 104 offers extremely high performance when it comes to water tightness. With values up to 900 Pa for windows and 300 Pa for doors, the system is suitable for extreme conditions such as coastal areas, and can be applied at extreme heights.

The increased built-in depth of the profiles (the vent is 104mm deep) contributes furthermore to their strength and stability. This gives architects and builders the design benefits of large, expansive surfaces of triple glazing resulting in innovative, energy-efficient and yet sustainable solutions.



CS 104

	WINDOWS	DOORS
		

TECHNICAL CHARACTERISTICS			
		WINDOWS	DOORS
Min. visible width inward opening	Frame	69mm	82mm
	Vent	48mm	71mm
Min. visible width outward opening	Frame	-	46mm
	Vent	-	107mm
Min. visible width T-profile		99mm	99mm
Overall system depth	Frame	95mm	95mm
	Vent	104mm	95mm
Rebate height		25mm-30mm	25mm
Glass thickness		65mm	65mm
Glazing method		Dry glazing with EPDM or neutral silicone	
Thermal insulation		59mm fibreglass reinforced polyamide strips (strips with insulating foam integrated in the strip chambers)	50mm fibreglass reinforced polyamide strips (strips with insulating foam applied in the strip chambers)

PERFORMANCES			
	ENERGY		
	Thermal insulation (1)	Uf-value down to 0.88 W/m² depending on the frame/vent combination and the glass thickness	
	COMFORT	WINDOWS	DOORS
	Air tightness, max. test pressure (2) EN 1026; EN 12207	4 (600 Pa)	3 (600 Pa)
	Water tightness (3) EN 1027; EN 12208	E900 (900 Pa)	7A (300 Pa)
	Wind load resistance, max. test pressure (4) EN 12211; EN 12210	5	2
	Wind load resistance to frame deflection (5) EN 12211; EN 12210	C	C

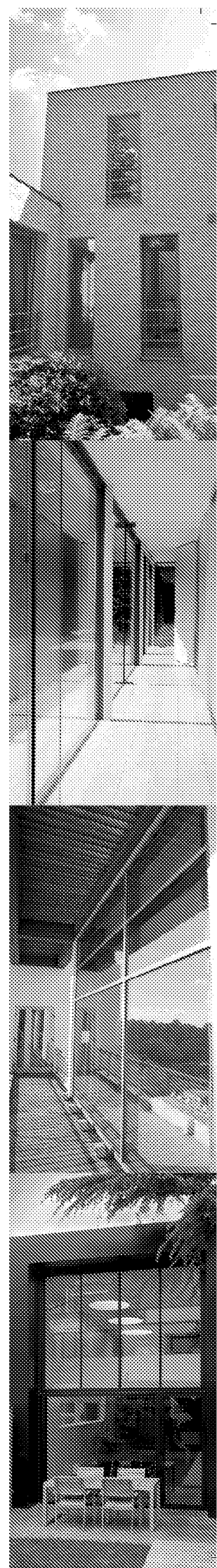
(1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.

(2) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

(3) The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.

(4) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force. There are up to five levels of wind resistance (1 to 5) and three deflection classes (A,B,C). The higher the number, the better the performance.

(5) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force. There are up to five levels of wind resistance (1 to 5) and three deflection classes (A,B,C). The higher the number, the better the performance.





MarleyEternit

ARUN DISTRICT COUNCIL AW/267/15/HH



CEDRAL

Cedral inspirations

The ideal, low maintenance, rot-free alternative to traditional timber weatherboarding. With the visual appeal of natural timber, simplicity of installation and resistance to rot, the Cedral weatherboard range offers an attractive, low maintenance alternative to PVCu and timber.

Cedral is available in a choice of two weatherboard applications: Cedral Lap and Cedral Click.

01

Features

- > No routine maintenance required
- > Easy and quick to install
- > Resistant to rot and immune to attack by pests and insects
- > Available as a complete system solution with coordinating trims, soffit and fascia boards
- > Stands up to the harshest weather conditions
- > Will not warp or expand like traditional timber
- > Choice of two applications within the range (Lap and Click)
- > Used in the same way as wood

Cedral Lap

Cedral Lap is specially designed so that the planks are overlapped when installed creating a traditional, clapper-board aesthetic. Cedral Lap can be used as part of a building refurbishment or new build development. Ideal for residential properties as well as commercial. Cedral Lap is an ideal complement to other building materials, such as render and brick and looks equally as stunning when used to clad the complete building facade.



Properties (air dry)		
Installed weight	Cedral Lap	Cedral Click
Density	19.3kg/m ²	17.6kg/m ²
Bending strength	1300kg/m ²	1300kg/m ²
Modulus of elasticity	Longitudinal	23N/mm ²
	Transverse	11N/mm ²
Modulus of elasticity	Longitudinal	7500N/mm ²
	Transverse	5500N/mm ²
Expansion from dry air to saturated	1.75mm/m	1.75mm/m
Thermal conductivity	0.212W/mK	0.212W/mK
Reaction to fire	Class 0	Class 0
EN 13501-1	A2-s1, d0	A2-s1, d0

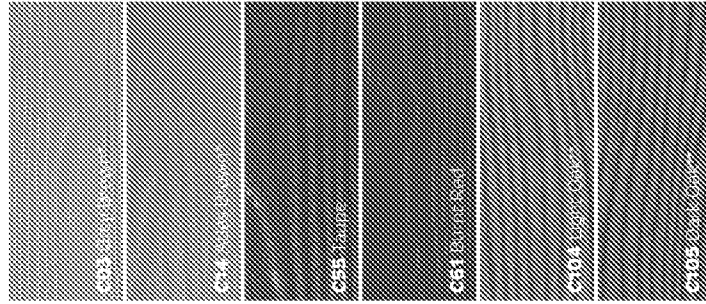
Dimensions		
Length	Cedral Lap	Cedral Click
Width	3600mm	3600mm
Thickness	180mm	180mm
Weight per board	10mm	12mm
	11.2kg	12.2kg

Key to images

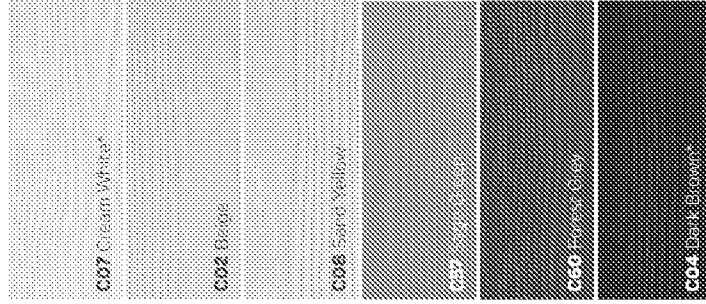
01 Cedral Lap in Grey Green (C06) and Blue Grey (C10) housing development, Fyn, East Sussex

02 Cedral Lap in White (C01), private residential, The Windmill, Sheerness, Kent

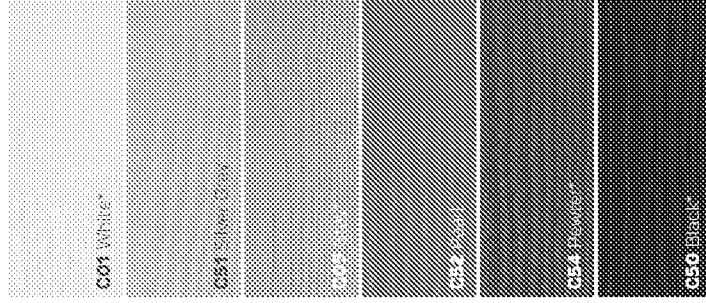
Earth tones



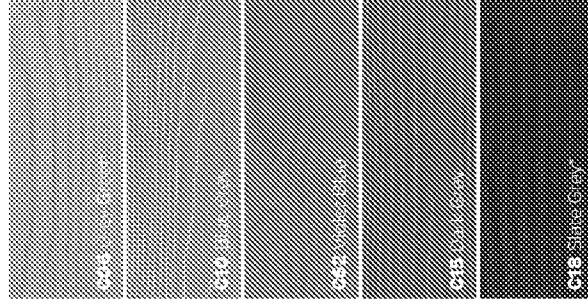
Forest tones



Mineral tones



Ocean tones



* Complementary Cedral Board available in these colours (refer to page 14)
 ** Woodstain finish. The woodstain shades are designed to mimic the appearance of a stained natural wood finish and as such, a variation in colour and shade is part of the effect inherent in the material design. The translucent finish will be accentuated by the effects of ambient light and viewing angle