



Technical Data Sheet

CARBON base

One-coat render suitable for internal and external rendering

Characteristics

- For application onto external walls constructed of masonry blockwork, brickwork and concrete. Appropriate primers may be required depending on the substrate.
- Breathable.
- Suitable for machine and hand application.
- Suitable as a basecoat for all JUB Systems UK Limited paints and finishes.

Physical and Chemical Characteristics

- Cementitious material – this may be Portland Cement to BS EN 197-1.
- Fine aggregates to BS EN 13139.
- Admixtures to BS EN 934-3. These may be used to improve the properties of the fresh or hardened material. The combination of a water retainer and air entrainer ensures the material performs as a polymer modified material.
- Pigments conform to BS EN 12878
- All materials supplied are dry pre-mixed and only require the addition of clean water.

Preparation

- All substrates should be dry, clean, sound, suitably cured and free from any material that may impair the adhesion of the render.
- Application to brickwork should have and a primer coat of JUB Vezakril or raked mortar joints.
- Application to concrete should have a primer coat of JUB Vezakril.
- Control excessive adhesion on blockwork as required.

Mixing Material

- Carbon Base should be mixed with 4.5 – 5 litres of clean water using either a suitable spray rendering machine, drill and whisk or tumble mixer. Leave for 2 minutes and then re-whisk.
- For machine application, set the water to approx. 300-400 litres and adjust to gain the right consistency.
- Where possible always use bags from the same batch.



Application

- Apply the Carbon Base in a single coat to a minimum thickness of 10mm or 2 x 8mm for 16mm thickness. Maximum permitted thickness of 25mm. It is important that there is a minimum of 10mm coverage of the substrate, therefore allowances for the unevenness in the substrate should be allowed for. Rule level but do not overwork the product.
- If required a trowel or light sponge can be used to finish the render.
- Allow to dry for approximately 5-7 days before the application of a JUB Systems UK Limited paint or primer and topcoat finish.

Good Practice

- Protect the façade from unfavourable weather
- Do not apply in rain / mist or fog or where these weather conditions are forecast within 24 hours.
- Do not apply where the air temperature is 5°C and falling or above 30°C or if the wall is affected by frost.
- Where possible do not apply in direct hot sunlight.
- It is always recommended that the use of JUB Reinforcing Mesh be included within the rendering process with the use of meshed stress patches around window / door openings.

Coverage

Application Thickness	Coverage per 25kg bag
10mm applied	1.75m ² per bag – no allowance for wastage
15mm applied	1.16m ² per bag – no allowance for wastage
20mm applied	0.87m ² per bag – no allowance for wastage

Storage

- If stored unopened, off the ground in a dry place above 5°C the product will have a shelf life of 12 months from the date of manufacture.

Health and Safety Information

Main Hazards

- Contact with wet cement mixes or lime mortars can cause skin disease. Irritant contact dermatitis is caused by the combination of the wetness, alkalinity and abrasiveness of the cement / lime mixture. Allergic contact dermatitis is mainly caused by individual sensitivity to chromium compounds which may occur in cement / lime. Cement / lime burns, a form of skin ulceration, may result from contact with freshly mixed material.



Precautions

- Direct skin contact should be avoided. It is also important not to sit or kneel on material in its fresh or plastic state as harmful contact can occur through saturated clothing.

Protective Clothing

- Protective clothing should be worn, particularly on: Arms, Hands and Legs. Impervious footwear should be worn to protect the feet. Barrier cream can be applied to the face to provide protection.

Transportation and waste disposal

- Render is not subject to hazardous substance conveyance regulations and vehicle labelling is not required. In the event of spillage entry into water courses should be avoided.

Emergency Action

- Where skin contact occurs, either directly or through unsaturated clothing, render must be washed off without delay. Where eye contact occurs, the area must be immediately and thoroughly irrigated with water. In all cases of doubt, or where symptoms persist, medical advice should be obtained.

PLEASE ENSURE THAT THIS GUIDELINE AND WARNING IS BROUGHT TO THE ATTENTION OF ALL PERSONS HANDLING WET MORTAR, RENDER AND SCREED.



MAY CAUSE ALLERGIC SKIN REACTION.