

APPLICATION INSTRUCTIONS & HEALTH AND SAFETY INFORMATION



K REND SILICONE TC

Synthetic resin plaster.

First Coat:	K Rend Basecoat
Preparation Coat:	K Rend Primer TC
Final Coat:	K Rend Silicone TC

Backgrounds should be clean, level and dry and free from efflorescence.

Allow freshly applied render basecoats a minimum of 14 days before work commences.

Mask all adjacent surfaces including windows, sills, doors, timber, glass, brick & flooring.

Protect weather exposed surfaces.

APPLICATION

Apply K Rend Primer TC (colour co-ordinated to topcoat) by brush, roller or spray. Allow 24 hours drying time for primer before applying topcoat.

Apply K Rend Silicone TC topcoat to the thickness of the largest grain size using a stainless steel float and allow to take up slightly.

The surface is then rubbed up in a circular motion using a plastic float to create the texture.

Complete continuous surfaces without interruption, working to a wet edge at all times.

Protect the fresh render from rain and from drying too fast; drying times may be prolonged by lower temperatures and/or high humidity.

Kilwaughter Chemical Co Ltd are a ISO9001 & ISO14001 registered company. The BS EN 13914-1. design, preparation and application of external renderings and internal plastering must be followed at all times. A technical advisory service is available on request.

IF THESE INSTRUCTIONS ARE NOT FOLLOWED CLOSELY, A SATISFACTORY FINISH MAY NOT BE ACHIEVED AND KILWAUGHTER CHEMICAL CO LTD WILL ACCEPT NO RESPONSIBILITY.

APPLICATION INSTRUCTIONS

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STORAGE

Product tubs should be further protected to prevent damp causing caking of the product. Shelf life is approximately one year if stored off in original, sealed containers and protected against frost and away from direct sunlight. It is important to note that all K Rend products are non-returnable.

50mm samples are provided on request for colour indication only. A site sample panel is recommended to ensure that the specifier is satisfied with the product colour and texture. K Rend materials are manufactured from natural products, and slight shade variations may occur. A uniform approach is essential to achieve a good finish.

PLASTERING TEST PANEL

It is recommended that a test panel (ideally 2m²) be produced for inspection by the customer (client, architect, etc.). Work should not commence until the customer is satisfied with the texture and general appearance of the product. The test panel should be prepared well in advance of work commencing. Applicators should be familiar with product, handling characteristics, setting and hardening times. These may vary according to background, temperature and humidity.

DESIGN CONSIDERATIONS

For rendering, suitably designed overhangs and flashings should be provided to prevent water washing onto the render and causing staining. At ground level it is recommended that the rendering should not bridge the DPC to form a capillary path for rising damp. Sills and copings should project from the face of the wall with an ample drip groove to ensure that water is kept clear of the render. Gutters and down-pipes must also be designed to keep water off the facade. Angles may be formed using PVC angle and stop beads, or by using chamfered battens. Some construction materials may be susceptible to attack; fittings and surfaces adjacent that are likely to be damaged should be protected. Plan ahead to avoid discontinuity in any one area or walling which

could lead to unsightly joints in the rendering. For further information about resistance to cracking see BS EN 13914-1, Para. 6.13 and BS 5262, Para. 27.3.

MIXING

Stir the tub contents thoroughly before use using a slow speed mixer. At this stage a small amount of water can be mixed with the product to achieve the best working consistency.

APPLICATION CONSIDERATIONS

Before any rendering or plastering begins, it is essential to ensure that the scaffolding provides suitable access to the whole of the working face. Note that it may be necessary to damp down walls prior to applying the product to control suction. K Rend products have a working temperature range of 5°C - 35°C. Do not apply in conditions of strong sunshine or wind; do not apply onto frozen surfaces. Drying conditions will vary accordingly to wind, temperature and humidity. Protection from rain and frost should be provided for a minimum of 48 hours after application. Fresh render should be protected until it is fully cured.

MAINTENANCE

Where general staining occurs, a warm power wash with a suitable detergent can be used to clean up the K Rend finish. Care must be taken to adjust the pressure of the power washer to ensure that the render surface is not damaged during the procedure. An annual coat of fungicidal wash can prevent algae from growing on weather prevailing facades, which can be prone to algae by remaining wet over long periods.

If a change of colour is required at a later date, K Rend is a suitable substrate for masonry paint.

MATERIAL SAFETY DATA

1. IDENTIFICATION OF SUBSTANCE / MANUFACTURER

Kilwaughter Chemical Co Ltd, 9 Starbog Rd, Larne, N.I, BT40 2TJ.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Synthetic resin plaster for application onto external substrates; available in a wide range of colours.

3. HAZARDOUS IDENTIFICATION

Not classified as hazardous according to EC classification

4. FIRST AID MEASURES

EYE CONTACT: Wash thoroughly with clean water, get specialist medical advice if irritation persists.

SKIN CONTACT: Wash exposed area with soap and water, get medical advice if irritation occurs.

INHALATION: Remove from source to fresh air. In case of sickness seek medical advice.

5. FIRE FIGHTING MEASURES

The wet paste will not burn; the dry film is flammable.

Suitable extinguishing media Water, spray jet, extinguishing powder, CO₂, foam

Special exposure hazards arising from the substance, combustion products, resulting gases: In case of fire toxic incineration products may be released such as Carbon Monoxide (CO) and Nitrogen Oxides (NOx)

Special protective equipment for fire fighters Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES. PERSONAL PROTECTION

Personal precautions Wear protective clothing to avoid contact with skin.

Environmental precautions: Prevent from spreading; do not allow product to reach surface water.

Methods for cleaning up Spillages should be mixed with absorbent material and collected mechanically. Dispose of according to local regulations.

7. STORAGE AND HANDLING

Keep in a dry, safe place. Wear protective clothing as outlined.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OTHER INFORMATION

The information contained herein is based on our current experience and knowledge, and does not act as a guarantee. A full Material Safety Data Sheet is available. This information is based on current data correct at the time of publication. It is given as guidance in assessing safe handling, storage and use. Recipients of the product must take responsibility for use and disposal of product observing existing laws and regulations. K Rend contains naturally occurring products and as such, minor batch-to-batch variations are inevitable.

ENGINEERING MEASURES Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Wear suitable protective clothing to avoid contact with skin. Suitable eye protection should be worn when handling the products.

9. PHYSICAL / CHEMICAL PROPERTIES

Physical State:	Paste
Odour:	Faint
PH:	8-10
Flash Point:	N/A (Not tested)
Explosives Properties:	N/A (the product is not self igniting)
Density:	1,800kg/m ³
Solubility:	Partially soluble in water

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage.
Decomposition: When heated in excess of 580°C calcium oxide fumes and carbon dioxide are liberated.

11. TOXICOLOGICAL INFORMATION (SHORT TERM EFFECTS)

EYE CONTACT

No information recorded; the product is classified as non hazardous.

SKIN CONTACT

Hydraulic lime and wet paste can cause irritation, contact dermatitis, allergic dermatitis and / or cause burns.

12. ECOLOGICAL INFORMATION

No recorded information; the product is not classified as hazardous to the environment. Prevent contamination of soil, drains and surface water.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION:

Not hazardous for air, sea or road freight.

15. REGULATORY INFORMATION

CLASSIFICATION Non hazardous

Safety Phrases

Avoid contact with skin.
Keep out of reach of children.



ESSEN999-1 &
ESSEN999-2
Licence No. 514639



Cert No. FM65394



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