

SILO RENDER

PRODUCT DATASHEET

1. APPLICATION

Suitable for common bricks/ standard blocks in accordance with BS EN 13914

2. INTRODUCTION

Hugh King & Co Silo Render Dry Dash Receiver is a decorative one-coat, polymer modified cement-based render.

Manufactured in our state-of-the-art plant with regular testing at every stage of the process. We carefully blend our selected raw materials and additives to ensure a consistent product is delivered to site. Our specially formulated additives are designed to add excellent adhesion and water shedding properties.

Product

Materials used to manufacture our products comply to the following standards:

| | |
|------------|-------------|
| Sand | BS EN 13139 |
| Cement | BS EN 197-1 |
| Lime | BS EN 459-1 |
| Admixtures | BS EN 943-3 |
| Pigments | BS EN 12878 |

All products are manufactured under a registered ISO 9001 Quality System.

3. DESCRIPTION

Render Categories

Hugh King & Co render comply with BS EN 998-1 for hardened render set out in the table below

| BS EN 998-1 Mortar Class | CS I | CS II | CS III | CS IV |
|---|-----------|-----------|-----------|-------|
| 28 Day Prism Strength N/mm ² | 0.4 - 2.5 | 1.5 - 5.0 | 3.5 - 7.5 | >6 |

Hugh King & Co render comply with BS EN 998-1 for hardened render set out in the table below

| RENDER MIX DESIGNATION | NOMINAL CEMENT: SAND BY VOLUME | NOMINAL CEMENT: LIME : SAND |
|------------------------|--------------------------------|-----------------------------|
| (i) | 1:3 | 1:1/4:3 |
| (ii) | 1:3/4 | 1:1/2:4/41/2 |
| (iii) | 1:5/6 | 1:1:5/6 |
| (iv) | 1:7/8 | 1:2:8/9 |

**Please see our Silo Guide for more information about the site requirements*

4. SILO

Hugh King & Co Renders are delivered to site in a Silo along with necessary mixing equipment.

This equipment can be used by any site operative once they have been given basic instruction and issued a Trained Operators Certificate by a Hugh King & Co Service Technician.*

5. BAGS

Our renders are also available in 25kg bags.

Mixing

Using a concrete mixer or a slow speed paddle mixer. As a guide add 3.5 - 4.5 litres of clean water, empty contents of the 25kg bag and mix thoroughly for 10 minutes.

The quantity of water may vary depending on the substrate and weather conditions.

Some substrates may require further preparation to control absorption.

6. COVERAGE

Base Coat: 8 - 10mm = 10 - 12 kgs/m²

Top Coat: 6 - 8mm = 8 - 10 kgs/m²

Please allow a minimum of 24hrs drying time between coats

Guideline only – These figures are approximate and take no account of waste.

7. HEALTH & SAFETY

For Health and Safety information please see MSDS.

8. TECHNICAL

Colour Range

Available in three colours. Samples available on request.

Testing

Results based on prisms in accordance to BS EN 1015: 11

Colour Variance

All products are manufactured from natural raw materials which may result in slight variation in shading. Whilst every care is taken to ensure consistency, no guarantees can be given.

The product must be protected from rain, mist or cold during the early curing stage, or drying may be excessively prolonged. Polythene sheeting is recommended. Ensure to hang clear of the face of the wall in such a way that it does not form a tunnel.

Using proper protection and avoiding application in adverse weather conditions may reduce the occurrence of lime bloom. The effect is less noticeable on white or paler colours.