



RECONSTEC 900 - REPOINTING

Repointing mortar for sandstone, limestone, granite and brick.

FEATURES & BENEFITS

- › High water retention (twice than that of a typical type S hydrated lime based mortar)
- › Non-shrink (even at bedding consistence for laying brick)
- › Strong bond capability
- › No curing required
- › Not a vapour barrier, completely breathable
- › Very good freeze-thaw resistance
- › Easy to use
- › Pigmented versions available

CAUTION

Avoid contact with eyes and prolonged contact with skin. May cause irritation to sensitive skin. In case of skin or contact with eyes, wash thoroughly with water. Avoid breathing dust. In case of contact with eyes, consult a doctor. KEEP OUT OF REACH OF CHILDREN.

Reconstec 900 is a specially formulated mortar for repointing natural stone mortar joints. It is recommended to restore joints at ground level and above grade and where de-icing salts are used during the winter. It is made of a special hydraulic cement, silica sand, river washed sand and mineral additives. This product does not include a bonding agent and is not polymer integrated.

SURFACE PREPARATION

Remove impurities, deteriorated mortar and any other bond inhibiting materials from the surface. The joints must be raked and cleaned to a depth of at least 1 cm (½ inch) - preferably 2 cm (¾ inch).

MIXING

The mixing ratio is approximately 5 parts powder to 1 part water. Use a clean container. Pour water into mixing container. The mixing may be done by hand or using a slow speed drill (300 rpm-450 rpm) with a mixing paddle. The mortar should be the consistency of damp sand. Do not add too much water. Do not over mix. Working time is approximately 15 minutes.

APPLICATION & FINISHING

Wet the cleaned joints just before applying the mortar, just enough to dampen the surface. Use appropriate pointing tools to achieve a finish similar to the original joint profile. The mortar should be firmly pressed to form a packed joint free of voids.

CLEAN UP

Remove the mortar from tools and mixing equipment with water. Cured material can only be removed mechanically.



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GUARANTEE

All information provided is correct to the best of our knowledge and the product is satisfactory for the purposes for which it is intended. However, no guarantee, express or implied, is given because the mixing and application conditions are beyond our control. Our responsibility is limited specifically and only to the replacement of defective products or, if we so choose, to the REFUND OF THE COST OF THIS PRODUCT.

FINISHING TIME

Approximately 30 minutes after mixing, depending on temperature, relative humidity and the type of finish desired.

PACKAGING

One plastic pail contains 20 kg (44 lb.).

SHELF LIFE

1 year in original, unopened pail.

TECHNICAL DATA*

COMPRESSIVE STRENGTH

ASTM C 109	Sandstone	Limestone	Granite
28 Days	2 MPa to 3 MPa	2 MPa to 5 MPa	10 MPa to 16 MPa

SPECIFIC GRAVITY

kg/m ³	Sandstone	Limestone	Granite
	1400	1600	1850

COVERAGE

lineal metre	Sandstone	Limestone	Granite
	142 m	125 m	110 m
(10 mm joints at 10 mm deep per 20 kg pail.)			

MIXING RATIO

1 part of water for about 5 parts of product.

Note: The contents of this Technical Data Sheet are updated regularly. To ensure that you have the most recent version, please visit our website at the following address: www.king-masonry.com

This product is designed to meet the performance specifications outlined in this product Technical Data Sheet. If the product is used in conditions for which it was not intended, or applied in a manner contrary to the written recommendations contained in the product data sheet, the product may not reach such performance specifications. The foregoing is in lieu of any other warranties, representations or conditions, expressed or implied, including, but not limited to, implied warranties or conditions of merchantable quality or fitness for particular purposes, and those arising by statute or otherwise in law or from a course of dealing or usage of trade.

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