



ST.ONE®

by  **SAINT-ASTIER**

Brick

STONE REPAIR MORTAR



ST.ONE® RANGE

SPECIALISED MORTAR

THE + BENEFITS

- Compatible and reversible
- Can be used for repairs up to 8 cm
- Designed for brick and terracotta
- Easy to model, form and shape

SUITABLE FOR

- > Reconstruction of facings, cut and carved ornamentation for soft to hard masonry
- > Imitation of brick

COMPOSITION

Ready-mixed mortar based on Saint-Astier® hydraulic lime.



Manufacturer and supplier of traditional and environmentally-friendly building materials.

Brick



TECHNICAL DATA

ESSENTIAL SPECIFICATIONS	Units	Typical value
Dry density	g/L	1,350
Wet density	g/L	1,700
Compressive strength at 28 days	MPa	7
Flexural strength at 28 days	MPa	2.5
Elasticity moduli	MPa	8,000
Shrinkage	mm/m	< 0.9
Permeability	μ	13
Granulometry	mm	1

MIXING

Add clean water. Manually mix with a mortar mixer set at a slow speed (300 – 450 rpm) for 3 minutes. The paste must be firm enough to maintain its shape and stand firmly on the trowel, without flowing.

APPLICATION

Water addition: 4.5 to 5.5 litres per 25kg. Please refer to the St.One® application sheet for full application guidance. Training is highly recommended before using St.One®.

PRECAUTIONS

Do not apply St.One® to a frozen or exceedingly hot background. The applied mortar must be protected from extreme heat, freezing, strong wind, direct sunlight and rain. Do not use bonding agents with St.One®.

WORKING TEMPERATURE

Recommended ambient temperature range for application should be between 5°C and 30°C (45°F to 85°F). With high temperatures and/or wind, moisten the support the day before application and again on the day of application one hour before starting to prevent excess evaporation and drying. Do not use St.One® if there is risk of frost.

CONSUMPTION/THICKNESS

- > Consumption: 1.4 to 1.6kg per mm of thickness per m².
- > Minimum thickness: 5 mm.
- > Maximum thickness per coat: 25 mm.
- > Maximum thickness: 80 mm.

HEALTH & SAFETY

Consult safety data sheet for each product before use. Health and Safety information can be found at stastier.co.uk/st-one-health-and-safety/.

Special care should be taken to prevent dust from becoming airborne. The use of ventilation and wet-methods are recommended. Always use appropriate safety protections, including respiratory protection, protective clothing and eye protection.

