

# Murocol S

Coloured bricklaying adhesive



0965-CPD-MM0503/505

## Field of Application

Murocol S is used as an adhesive for all types of facing brick with a thin joint (3 to 6 mm). Murocol S is intended for bricks with a porosity rate above 15 g/dm<sup>2</sup> min.

## Composition

Murocol S is a homogeneous mixture composed of calibrated sand, binding agents and additives enhancing its characteristics.

- Binding agents: Portland cement according to NBN EN 197.
- Granulates: sieved and recomposed sand 0/2 mm according to NBN EN 13139.
- Additives: specific additives to enhance the mortar's workability, water retention and adhesion force.

## Characteristics

Murocol S is a dry, ready-to-use mortar for facing bricks (ordinary bricks, concrete blocks) with a joint of 3 to 6 mm. Murocol is available in 2 types, according to the porosity of the brick: S for low or non-absorbing bricks and H for medium and high-absorbing bricks. Murocol is available in 5 standard colours: grey, yellow, red, brown and anthracite. Other colours are available on request.

## Preparation substrate

When laying the bricks, they must not be saturated with water.

Blocks that are too dry must be pre-moistened.

The surface must be dust-free.

When applying the adhesive, the ambient temperature must not be below 5°C and not exceed 30°C.

Never work on a frozen or thawing substrate or in the event of risk of frost within 24 hours.

Finished work must be protected against cold, heavy rain and wind.

## Preparation mixture

Mix Murocol S with clear water (3.75 l of water per 25-kg bag). The mortar must be mixed mechanically (minimum of 3 minutes at 500 t/min.). The mortar must be homogeneous, smooth and free of lumps. Once the adhesive has started to set, do not remix it and do not add water.

## Application

The glue mortar can be applied manually or mechanically.

Murocol for external brickwork is preferably applied with a suitable mortar pump.

A glue manifold distributes the mortar on the brick.

The adhesive on the vertical joints must be applied prior to laying the bricks in the horizontal mortar bed.

The bricks must be placed within 15 minutes of applying the mortar.

The rapid stiffening of the adhesive allows for an extended height of the brickwork.

The fresh mortar can be applied for a period of 4 hours.

## Consumption

±15 kg/m<sup>2</sup> for brick module 65 with 3 mm joint.



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## Technical data

Strength class	M 15
Compressive strength at 28 days	20.0 N/mm <sup>2</sup>
flexural strength at 28 days	4.5 N/mm <sup>2</sup>
Bond strength at 28 days	>0.4 N/mm <sup>2</sup>
Granulometry	0/2 mm
wet mortar consistency	170 mm
water requirement	± 14 %
air content	± 15 %
water retention	± 90 %
flow rate / performance	± 700 l/ton
volume mass hardened mortar	± 1850 kg/m <sup>3</sup>

## Packaging

Murocol is packed in 25-kg bags and stacked on euro pallets (1200 kg per pallet) with a protective cover. Shelf-life in the original packaging, if dry-stored, is 12 months.

## Remarks

The work must be performed in accordance with the rules of good practice and meet the WTCB regulations.