

S+A DICHTMORTEL

PRODUCT:

Special cement (S) , selected arids from assortment, specific resins (A) and quick setting additives.

DESCRIPTION:

The S+A, is a mortar with resistance to the compression, for reparation and/or planimetry correction or for bonding other supports, 2 layers application, on severely damaged supports it is recommended to put a 80gr fiber mesh between layers.

USES:

- Deformable (adding the Resina Press) and resistant to the compression.
- Reparation and correction of the planimetry
- Outdoor waterproofing.
- Repairs and waterproof cracks
- Suitable on supports with slight movements.
- Suitable to be painted or coating.

SUITABLE SUPPORTS:

Concrete, Pre-cast concrete, plasters, tiles.....

APPLICATION ADVISEMENT:

- Application temperature between 5-30°C.
- Do not apply with risk of rain, ice etc
- In warm seasons, do not apply under full sun.
- Put the fiber glass mesh between the first and second layer in terraces and crackes walls.
- Final thickness 2-3 mm in all the points.

APPLICATION REQUIREMENTS:

- The supports shall be sane, clean, without skim or demoulder
- If required clean wit pressured water or sand blast to achieve a perfect adherence.
- The support shall have good planimetry, free of gaps or irregular areas.
- Repair all the damaged areas (holes, cracks...) with repairing mortar.
- Deal with the singular points with the proper fiber mesh.
- Wet the support before the application

APPLICATION FIELD:

DO NOT ADD ANY ADDITIVE TO THE MORTAR, IN CASE TO REQUIRE HIGHER WATERPROOFING, ADD RESINE PRESS

ON TRANSITED FLOORS, THE MORTAR SHALL ALWAYS REMAIN PROTECTED.

RESSISTANT TO AGGRESSIVE AND SEA WATER

APPLICATIONS:

- Renovation of terraces, balconies as well as rooftop terraces, cornices in exteriors or exposed to important thermic changes.
- Reparation of damaged supports.

CHARACTERISTICS OF USAGE:

- Resting time after kneading: 5 min
- Approximative lifetime of the kneading 1 hour
- Thickness application per layer 1-5 mm max
- Setting start 4 hours
- Waiting time between layers 4 hours
- Repainting – Recoating > 6 days
- Output $\pm 1,4\text{kg/mm/m}^2$

- These rates may vary considerably according room temperature.

FEATURES:

Adherence	≥ 1	N/mm ²
Restricted retraction	≥ 1	N/mm ²
Flexotraction resistance at 28 days	≥ 5	N/mm ²
Resistance to the compression at 28 days	≥ 40	N/mm ²
Adherence open time	$\geq 0,5$	N/mm ²
Deformation	$\geq 0,5$	N/mm ²
Gliding	$\leq 0,5$	mm

SPECIFIC PRECAUTIONS:

This product contains cement. Avoid contact with eyes and skin, as well as powder inhalation. Use rubber gloves and protective glasses. Keep it away from children, The empty containers must be removed according the legal normative in force.

STORAGE:

12 months from manufacturing date, in its original and locked container, away from inclemency and humidity.

FORMAT:

20 kg buckets cement + 5L Resin + 5L water

INSTRUCTIONS:

- 1- Mix the powder with Resin and water, until achieve an homogeneous kneading, between 25-30# per 25kg bad. Knead with low rpm electrical mixer (+/- 500 rpm) until achieve an homogeneous mass.

THE SUPPORTS MUST BE SANE, DRY, FREE OF DUST, PAINT, GREASE, LIME, WAX OR ANYTHING THAT MAY PREJUDICE THE ADHERENCE.

THE PLANENESS OF THE SUPPORT MUST NOT PRESENT DEVIATIONS SUPERIOR TO 3MM. DOUBLE CHECK WITH A 2M RULER.

IN CASE OF IRREGULAR PLANENESS, REPAIR THE SUPPORT WITH SELFLEVELLING MORTAR LEVEL (SEE TDS)

THE SUPPORTS WITH LOW CRUMBLING SUPERFICIAL CONSISTENCY IN THEIR FIRST MM OF THICKNESS MUST BE CONSOLIDATES WITH PRIMER MCG STONE AGE

THE VERY DRY OR POROUS SUPPORTS AND IN HOT CLIMATE OR WIND, WE ADVISE TO SLIGHTLY WET THE SUPPORT. IN EXTREME CASES APPLY ONE LAYER OF PRIMER. PRIMER MCG STONE AGE

THE TEMPERATURE OF THE SUPPORT AND APPLICATION MUST BE BETWEEN 5°C AND 30°C.

THE METEOROLOGICAL CONDITIONS OF THE SUPPORT MAY VARY SIGNIFICANTLY THE OPEN TIME OF PREPARATION OF THE MORTAR.

ATTENTION:

TO ACHIEVE A HIGHER ELASTICITY OR PLASTICITY, WE WILL ADD RESIN PRESS AT THE FOLLOWING RATIO: 5L RESIN + 5L WATER.