



## SPEKTRA deep impregnation

### USE

Basic coating for the impregnation of mineral surfaces (concrete, plasters, asbestos-cement, wood-cement, plaster plates...) and old chalked plasters and coatings.

It is suitable for the impregnation of nearly all surfaces, except thermic isolation systems, which are produced on the styropore basis (in this case the solvent from impregnation may solve styropore).

### CHARACTERISTICS

- Colourless
- Penetrates deep into the substrate and is therefore effective also on less porous substrate
- Unifies and reduces the permeability of substrate
- Cures crumbly and chalked old coatings
- Improves the adhesion of new coatings
- Reduces the consumption of final coatings
- Blocks the penetration of water-soluble salts from a substrate to a surface
- Possibility of application also at low temperatures, down to -10°C

TECHNICAL DATA	
PRODUCT TYPE	styrene butadiene in solvents
COLOUR SHADES	colourless
THINNING	not thinnable
DENSITY	0,85 kg/l
EU VOC category and limits	IIA(h), 750 g/l (2010); the product contains: max. 750 g/l
PACKAGING	2,5 l, 20 l
SHELF LIFE	The shelf life of the originally sealed and suitably packed product (at a temperature of +5°C to +35°C, in dry place) is until the date indicated on the packaging.

INSTRUCTIONS FOR USE	
APPLICATION	roller, brush
WORKING CONDITIONS	air temperature down to - 10°C, if surface is not frozen
DRYING (T = +20°C, rel. hum. 65%)	dry and suitable for recoat after 24 hours
COVERAGE	theoretically: 6 – 8 m <sup>2</sup> with 1 l in 1 coat Practical coverage depends on the permeability and surface roughness.
CLEANING OF TOOLS	immediately after use with <b>TESSAROL thinner</b>

### SURFACE PREPARATION

Remove crumbly old coatings, powder and other impurities from the surface. In case of wet cleaning of impurities, the surface should be thoroughly dry before the impregnation.

Fill up bigger cracks and damaged surface spots with a sealing compound on the mineral basis.

#### Exterior surfaces

##### New plasters

Depending on the season and temperatures, new plasters should dry 2 – 4 weeks before the further treatment. Prior to first painting always use impregnation to equalize the substrate permeability.

##### Old plasters

Dirty, crumbly and chalked plasters should completely be cleaned with brushing and/or washing irrespective of their state (under pressure – max. 60 bar).

##### Old coatings on the basis of dispersion paints

Clean dirty and chalked coatings with washing or in any other way. Remove coatings, which fall off from the firm surface. In case of wet cleaning and/or removal of old coatings the surfaces should thoroughly dry before further treatment.

#### Interior and exterior surfaces

##### Concrete

Remove impurities with washing under pressure, repair damaged spots (cleaning and protection, levelling with a suitable sealing compound) and impregnate with **SPEKTRA deep impregnation**.



#### REMARKS AND SPECIFICS

- At low temperature and higher air humidity, the drying time will be prolonged.
- Before the impregnation apply **SPEKTRA biocide agent SANITOL** to surfaces, which are attacked with mould or algae. After the surfaces have dried, remove mould mechanically.
- Remove saltpetre with brushing and impregnate surface with **SPEKTRA deep impregnation**.
- In case substrate is less permeable, impregnation can not penetrate into it, therefore a smooth shiny film will be formed on the surface and it represents the separation coat before the paint application. The consequence is a bad adhesion of the final coating. Impermeable substrates should be slightly polished before impregnation.