

# SPEKTRA Impregnation Acryl

## USE

Basic coating for the impregnation of lime and lime-cement surfaces, old chalked plasters and coatings, plaster-cardboard plates and other porous surfaces.

## CHARACTERISTICS

- Water thinnable, health and environment friendly product
- Penetrates deep into the substrate
- Unifies and reduces the permeability of substrate
- Firms old, crumbly and chalked old coatings and plasters
- Improves the adhesion of new coatings
- Reduces the consumption of final coatings

## TECHNICAL DATA

PRODUCT TYPE	acrylic copolymer in water
COLOUR SHADES	colourless
DENSITY	1,0 – 1,1 kg/l
THINNING	with water 1 : 3
EU VOC category and limits	IIA(h), 30 g/l (2010); the product contains: max. 1 g/l
PACKAGING	1 l, 5 l, 10 l
SHELF LIFE	The shelf life of the originally closed and suitably packed product (temperature from +5°C to +35°C, in dry place) is until the date indicated on packaging. IT SHOULD NOT FREEZE!

## INSTRUCTIONS FOR USE

APPLICATION	roller, brush, spraying
WORKING CONDITIONS	min. +5 °C air, surface and paint
DRYING (T= +20 °C, rel hum. 65%)	The coating is dry and suitable for overcoating after 12 hours.
COVERAGE	theoretically: 10 – 12 m <sup>2</sup> with 1 l in 1 coat Practical consumption depending on permeability and surface roughness.
CLEANING OF TOOLS	Immediately after use with water.

## SURFACE PREPARATION

Remove crumbly old coatings, powder and other impurities from the surface. In case of the wet cleaning of impurities, the surface should 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. Before the first painting, always use impregnation in order to equalize the permeability of the substrate.

#### 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 based on 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 must dry thoroughly before further treatment.

#### 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**.

### Interior surfaces

#### New plasters

Depending on the season of the year and temperatures, it should dry 2 – 4 weeks before further treatment. Prior to first painting always use impregnation in order to equalize the substrate permeability.

#### Old coatings based on dispersion paints

Clean impurities from the surface. Use impregnation depending on the number of old coatings and type of coating, which you will use for renovation. Remove old coatings, which fall off from the firm surface, smooth bigger damages and cracks with suitable mineral sealing compounds. Impregnate obligatory surfaces with **SPEKTRA acrylic impregnation**. Polish slightly smooth, shiny not damaged coatings, impregnation is not necessary. Prior to polishing impregnate plaster-cardboard plates with interior sealing compounds (**SPEKTRA interior putty-fine**). Prior to painting relief wall papers (Rauhfaser) do not need any impregnation. Coatings based on glue (chalk) must be completely removed with washing. Old wallpapers and glue rests must be completely removed before painting.

## REMARKS

- At lower temperatures and higher air humidity, drying time will prolong.
- 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 of puttying of wall and ceiling surfaces (**SPEKTRA interior putty-fine**) we recommend to impregnate surfaces before puttying
- 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 surfaces should be slightly polished before impregnation.