

SPEKTRA Level Medium

USE

Ready-made fine levelling compound for smoothing interior wall and ceiling surfaces.

It is suitable for smoothing of surfaces such as mineral plasters, concrete, plaster plates as well as for the smoothing of interior wall surfaces, which are painted with dispersion paints. Due to its high thixotropy it does not shrink during the drying, thus enabling filling of bigger holes and scratches. Therefore it is especially suitable for levelling of "more problematic" non-plastered concrete surfaces and non-plastered surfaces made of porous concrete.

It can be applied up to the thickness of 4 mm.

CHARACTERISTICS

- Ready-made levelling compound
- Suitable for manual and machine application
- Easy treatment and sanding
- High water vapour permeability

TECHNICAL DATA

PRODUCT TYPE	vinylacetate copolymer dispersion, fillers and special additives
COLOUR SHADES	Off-white
TINTING	/
DENSITY	1,5 – 1,6 kg/l
WATER VAPOUR PERMEABILITY (EN ISO 7783:2012)	0,040 ± 0,004m (class V ₁ , high water vapor permeability)
ADHESION to concrete (EN 1542:2000)	n.d.
THINNING	with water if necessary
PACKAGING UNITS	25 kg
SHELF LIFE	The shelf life of the originally closed and suitably packed product (temperature from +5°C to +35°C, dry place) is until the date indicated on packaging. IT SHOULD NOT FREEZE!

INSTRUCTIONS FOR USE

APPLICATION	stainless steel smoothing trowel, spraying
WORKING CONDITIONS	min. +5 °C air, surface and putty
DRYING (T = +20 °C, rel. hum. 65%)	The coating is dry and suitable for polishing after 10 – 12 hours.
COVERAGE	Theoretically: 1.5 – 2 kg/m ² in 2 layers and 2 mm thickness. Practical consumption depends on the coating thickness and surface roughness.
CLEANING OF TOOLS	immediately after use with water

SURFACE PREPARATION

The surface should be free from dust, crumbly particles and other impurities. Remove old falling off coats. Fill up bigger cracks and damaged surface with adequate materials on the mineral basis. In case of repairs, impregnate with **SPEKTRA acrylic impregnation** or **SPEKTRA deep impregnation**. Prior to levelling compound application, the surface should be dry and firm.

Apply **SPEKTRA biocide agent SANITOL** to wall surfaces, which are attacked by mould and algae. After the surfaces have dried, remove mould mechanically.

APPLICATION OF LEVELLING COMPOUND

Manual application: Apply the levelling compound with stainless steel smoothing trowel and spread it in a uniform thickness over the surface. Remove the excess levelling compound from the surface with the trowel. Smooth the levelling compound as much as possible.

Spray application: **SPEKTRA LEVEL MEDIUM** is suitable for application with any kind of spraying devices. By airless spraying the working pressure should be ca. 200 bar and spraying nozzle with diameter 0,0035". By spraying with piston or spiral devices experimentally define the spraying conditions by following the manufacturer's technical instructions.

By levelling with **SPEKTRA LEVEL MEDIUM** we recommend the total thickness of a two-coat application max. 4 mm. After the first and the second coat sand the surface manually or by machine with fine sanding paper, no. 80 – 150.

COATING SYSTEMS

SURFACE	SURFACE PREPARATION	IMPREGNATION	PUTTYING	TOP COAT
New not painted surface - lime-cement plasters - plaster-cardboard plates - concrete and other not porous substrates		1x SPEKTRA acrylic impregnation 1x SPEKTRA deep impregnation		
Painted with dispersion paints - several layers of permeable, not washable coatings - smooth, shiny, washable coatings	cleaning, removal of crumbly particles, repair of damaged spots cleaning, sanding	1x SPEKTRA acrylic impregnation	2x SPEKTRA LEVEL MEDIUM with intermediate and final sanding	SPEKTRA interior wall paint – by selection

REMARKS

- Drying time increases at low temperatures and higher air humidity and it also depends on the layer thickness of **SPEKTRA LEVEL MEDIUM**.