

### PRODUCT DESCRIPTION

a strontium aluminium polyphosphate hydrate  
 - for application, for example, in two-part epoxy coating systems.  
 Its electrochemical activity in combination with improved long-term protection offers advantages for a wide range of high performance coatings.

### TECHNICAL DATA


Strontium as SrO [%]	23.5 - 30.0	ICP
Phosphorus as P <sub>2</sub> O <sub>5</sub> [%]	43.5 - 48.0	ISO 6745
Aluminium as Al <sub>2</sub> O <sub>3</sub> [%]	10.5 - 13.5	Complexometric titration
Loss on ignition 600°C [%]	9.5 - 15.0	ISO 6745
Water-soluble chloride [%]	max. 0.025	acc. to ISO 787, Part 13
Water-soluble sulphate [%]	max. 0.05	acc. to ISO 787, Part 13
Conductivity [µS/cm]	max. 1400	ISO 787, Part 14
pH	4.5 - 6.0	ISO 787, Part 9
Lead as Pb [ppm]	max. 10	ICP
Cadmium as Cd [ppm]	max. 10	ICP
Density [g/cm <sup>3</sup> ]	typ. 2.9	ISO 787, Part 10
Bulk density, untamped [g/cm <sup>3</sup> ]	typ. 0.3	acc. to ISO 787, Part 11
Bulk density, tamped [g/cm <sup>3</sup> ]	typ. 0.7	acc. to ISO 787, Part 11
Oil absorption value [g/100g]	typ. 40	ISO 787, Part 5
Sieve residue 32 microns [%]	max. 0.01	acc. to DIN 53 195
Average particle size [microns]	2.0 - 3.5	Coulter Multisizer II

### Legend:

Excellent choice +++

Good choice ++

Possible choice +

 In addition recommended in combination with HEUCORIN® RZ

### APPLICATION PROFILE

#### Solvent based coatings

- Short and medium oil alkyds
- Long oil alkyds
- High solids alkyds
- Epoxies +++
- Epoxyesters
- High solids epoxies
- Polyurethanes +++
- Moisture cured polyurethanes
- Chlorinated polymers ++
- Silicone resins

#### Water based coatings

- Soluble alkyds
- Alkyd emulsions
- Epoxy emulsions
- Epoxy dispersions +++
- 1-part polyurethanes
- 2-part polyurethanes +++
- Silicone resins
- Acrylics and modified acrylics
- Butadienes
- Hybrids

#### Specialty coatings

- Coil Coatings +++
- Aircraft Primers +++
- Wash and shop primers
- Direct to metal one coat
- Baking enamels
- Acidic cured systems +++

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