

PLIOLITE® AC80
RESIN

CHEMICAL DESCRIPTION

Newtonian thermoplastic resin.
Styrene-acrylate copolymer.

APPLICATIONS

Masonry Paints : PLIOLITE® AC80 resin has the best U.V. light resistance of all PLIOLITE resins and has the following properties : excellent adhesion, chemical resistance, barrier properties against water and CO₂ and superb exterior weathering. Combinations of PLIOLITE AC80 with PLIOLITE AC4 or AC5G are ideally suited for:

- Clear and pigmented surface conditioners.
- Flat and textured masonry paints.
- Anticarbonation coatings for concrete protection.
- Flat and high build waterproofing sealers.

Metal Protective Paints : PLIOLITE AC80 in combination with PLIOLITE AC4 brings unique properties to the metal protection sector. Application of a defect-free, high-thickness coat of 200 µm or more is possible. Thick films of PLIOLITE AC80 and AC4 give regular, homogeneous coverage of the whole surface including angles and surface irregularities, therefore adding to cost savings. The balance selection of monomers in PLIOLITE AC80 and AC4 brings optimum chemical and aging resistance for long terms protection for:

- Galvanized steel paints
- Structural steel paints
- Railway wagon and container paints.

TYPICAL PROPERTIES

Physical form	White friable granules
Specific gravity	1.03
Refractive Index	1.529
Viscosity	45 sec. 33 % solids in xylen. Ford Cup N°4 at 25°C
Tg, °C	54 Mid Point DSC 20°C/min
Solubility	Recommended Kauri butanol. Value min 40 in aliphatic hydrocarbon/polar solvent blends.
Form of use	Solution
Film formation	Solvent evaporation
Compatibility	With a large range of modifying resins and plasticisers such as : hydrocarbon, styrene derivatives, rosins, silicones, vegetable oils, esters, chlorinated paraffins, urea derivatives, aromatic oils..

SAFETY, HANDLING

PLIOLITE AC80 may contain traces of residual monomers. Therefore adequate ventilation should be employed in the processing areas.

PACKAGING

- 20 x 25 kg antistatic plastic bags on four way entry wooden pallet.
- Dimensions (mm) L: 1140, W: 1140, H: 1140.
- Weight gross: 525 kg, net: 500 kg.

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