



# PLIOTOP

## General Description:

PLIOTOP is a masonry topcoat based on aliphatic acrylate resin.

## Major Uses:

Ideal for use as an outdoor coatings. It has excellent U.V. light resistance and exterior weathering properties. It brings optimum chemical and ageing resistance for long term protection for structural steel, concrete and wood surfaces.

## Characteristics and Physical Properties:

|                        |                          |
|------------------------|--------------------------|
| Colour                 | As per colour card       |
| Volume Solids          | 31.4%                    |
| Specific gravity       | 1.0 kg/L                 |
| Flash point            | 41°C                     |
| Coverage               | 8 – 10 m <sup>2</sup> /L |
| DFT                    | 30 – 35 microns          |
| Application condition: |                          |
| Air temperature        | 5 ~ 35°C                 |
| Relative humidity      | 85% max.                 |

## Typical Recommended System:

|                       |   |
|-----------------------|---|
| Method of Application | Brush, roller, airless and conventional spray |
| Spray Data            |   |
| Conventional Spray    |   |
| Nozzle orifice        | 2 – 3 mm                                      |
| Nozzle pressure       | 43 – 57 psi                                   |
| Dilution              | 5 – 10%                                       |
| Thinner               | 155   |
| Airless               |   |
| Nozzle orifice        | 0.38 – 0.46 mm                                |
| Nozzle pressure       | 1138 - 1710                                   |
| Dilution              | 0 – 5%  |
| Thinner               | 155   |

## Surface Preparation:

Abrasive blasting to min Sa 2 ½ (SSPC – SP10). If sandblasting is not possible, power

## Drying Time:

The drying time is evaluated according to ASTM D 1640 at room temperature. However, the drying time varies on the fill thickness, number of coats and temperature.

|           |        |
|-----------|--------|
| Dry hard  | 5 hrs  |
| To touch  | 3 hrs  |
| To recoat | 24 hrs |

## Typical Recommended System:

|                       |         |
|-----------------------|---------|
| MAS Masonry AR Primer | 1 coat  |
| Pliotop               | 2 coats |
|                       |         |
| Primart 300           | 1 coat  |
| Pliotop               | 2 coats |

## Storage:

PLIOTOP should be kept in cool area below 25°C. Shelf life minimum 12 months in a tightly closed container.

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Thinner # 155as soon as possible.

## Packing:

Available in 1Usg,and 20 lit Pail.

## Physiological Hazards:

PLIOTOP does not contain dangerous solvents, nevertheless, good ventilation n working rooms is recommended as well as the use of safety tools and equipment. PLIOTOP is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

## MAS PAINTS & CHEMICAL INDUSTRY

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