



## Methacrylic resin for cold plastic markings POLYACRYL, AC-210

### PROPERTIES:

Polyacryl AC-210 is a methacrylate resin, used for permanent cold plastic markings. Cold plastic materials based on Polyacryl AC-210 are permanently elastic, weather resistant and resistant to abrasion. It is used in combination with Polyacryl AC-210, which is amine pre activated. Binder contains paraffin which tends to float when stored for a long period of time at lower temperature. Therefore, the binder must be homogenized before use by stirring.

### Technical information:

Characteristics	Rang/Value	Unit	Ref.Standard
Appearance	Liquid	-----	-----
Color	Light yellow	-----	-----
Density	0.91-0.98	gr/cm3	ISO 1675
Viscosity (D6/25°C)	9-12	sec	ISO 2431
Gel Time	15-20 Min 2%BPO	sec	-----

low temperature curing time.

Resistance against fuels and salt.

### Curing method:

While making the paint, add appropriate amount of accelerator (100 unit resin/0.7-1 unit accelerator) to the formulation. Then, prior to application add 1-3% benzoyl peroxide powder (paste) to the paint.

### Storage:

Keep way from direct sunlight and under 30°C

### Stability:

under aforementioned conditions: 3 months from production date.

### Note:

To avoid explosion reaction, keep the hardener and the accelerator away from each other.

### Application:

Ac-210 is recommended for production of two/three component traffic paints (films with up to 3000µ thickness) in mild and hot climate. Marking compounds, based on Polyacryl A-210 are particularly suitable for manual application with smoothing trowels or draw boxes. Cold plastic material usually Applied to asphalt and surfaces in layer thickness of 1,5 – 2,5 mm.

### Specific characteristics:

High flexibility

High durability of the applied paint

High resistance against chemicals and weathering conditions.

yellowing Resistance

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