

**PROPERTIES:**

Polyacryl AC-810 is a methacrylate resin, used for permanent cold plastic markings. Cold plastic materials based on Polyacryl AC-810 are permanently elastic, weather resistant and resistant to abrasion. It is used in combination with Polyacryl AC-810, 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.

**Application:**

Ac-810 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-810 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 durability of the applied paint
- High resistance against chemicals and weathering conditions.
- yellowing Resistance
- 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: 3months from production date.

**Note:**

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

**Technical information:**

Characteristics	Rang/Value	Unit	Ref.Standard
Appearance	Liquid	---	---
Color	Light yellow	---	---
Density	0.91-0.98	gr/cm3	ISIRI 898
Viscosity (D6/25°C)	9-12	sec	ISO 2431
Gel Time	10 - 12	Min	---