

TRI-ROAD MARKING AC 770

Single component road marking acrylic paint

Description

TRI-ROAD MARKING AC 770 is a single component, based on acrylic resin with high properties for weather resistance and colorfastness.



Standard compliance

- EN (1436)
- EN (1871)

Typical uses

Tri -Road Marking AC 770 is used as a road marking on highway, all road in cities, freeways, as road marking in Factories and as a marking for hold areas and around the machines.

Advantages

- It has a colorfastness.
- Highly weathering resistance.
- Fast drying: saving working time.
- It has a good abrasion resistance.
- Single component, easy to apply .
- It has a good adhesion properties with concrete and asphalt roads.
- It has a good reflection properties for light With glass beads by adding glass beads.
- High performance comprehensive barrier against UV, carbon dioxide water, sulphate and chloride ions.

Technical properties @°25c

Color	White, yellow, red (other required colors)
Solid Content (by weight)	70 ± 2 %
Solid Content (by volume)	45 ± 2 %
Density	1.45± 0.10 kg/ L for color 1.00± 0.01 kg/ L transparent
Touch Dry	15 -20 Min.
Hard Dry	2-4 hours
Min. Application temperature	10 C°

Directions for use

Surface Preparation

All surfaces should be sound, dry, free from oil, grease loosely adhering particles. Steel surfaces should be free from scale and rust. The concrete age should be 28 days at least.

Mixing

Tri -Road Marking AC 770 can should be well mixed before using until a smooth and consistency is achieved.

For small quantity manule mixing is enough.

For large quantity mechanical mixing is preferable.

Application

Tri -Road Marking AC 770 is a single component products, so can be applied with brush, roller, and with spray machiens.

Tri -Road Marking AC 770 is prefer to do two coats for good adhesion and abrasion resistance.

For more details review the Tri-chem's application methodology

Guide of Application

Item	Min	Max	Act.
Film thickness wet. (μ)	100	200	170
Film thickness dry. (μ)	45	90	75
Rate of use Theo.(m2/L)	10	5	6
Recoat time (approx.)	2 – 4 hrs. (Depending on conditions of weather)		

Coverage

- 3 -4 m² / Kg per 2 coats (depending on surface conditions)

Package

- **TRI-ROAD MARKING AC 770** is supplied in Pail: 20 kg, Gallon 5 Kg .

Storage conditions

- Store the material in a cool, dry and covered place.
- Temperature should not exceed 35 °C.
- Do not expose the pails to direct sunlight and keep away from all sources of heat.

Shelf life

- Has a shelf life of 24 months stored in dry and cool place.

Cleaning

- All tools should be cleaned with **tri-sol 30** immediately after use.

Sustainability and environmental accountability

• TRI-CHEM's Environmental sustainability is the accountability to conserve natural resources and protect global ecosystems to support health and well-being for this a more positive approach is that accountability guides the actions of power-holders towards more socially and environmentally sustainable results.

Technical support

- For any technical support, please contact TRI-CHEM technical office or representatives.



Factory & Head Office:

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597

Technical Support Call : (002) 011 184 87880 - Email: sales@tichem-eg.com

www.trichem-eg.com



Health and safety responsibility

- Workplace health and safety is all about sensibly managing risks to protect TRI-CHEM's workers and business.
- ISO 45001 is a systematic health and safety management is characterized by strong leadership involving managers, workers, suppliers, contractors and customers and also health and safety management is an essential part of the movement towards sustainable development.
- Spillages should be washed down immediately.
- PPE in accordance with the health and safety rules should be used during the materials application.
- For irritant effects of the non-cured material, avoid contact with skin and eyes during storage and application.

Institutional Excellence and quality performance

- Institutional excellence in TRI-CHEM refers to achieving high levels of performance, quality and effectiveness in all aspects of TRI-CHEM company's work, it involves a systematic and continuous effort to improve an organization's performance by applying best practices, innovative approaches and evidence-based strategies, institutional excellence spans various areas, such as training , research, innovation, community engagement, governance, management and sustainability, and involves setting high standards, measuring performance against these standards and continuously improving performance to meet or exceed these standards, excellence in TRI-CHEM also includes a culture of continuous improvement and learning, where everyone in the organization is committed to achieving the organization's goals, working together to find solutions to challenges and opportunities, and requires a collaborative approach that includes all stakeholders.
- All products originating from TRI-CHEM facility are manufactured under a quality management system independently certified to conform the requirements of the quality standards (ISO 9001:2015).

Disclaimer

- While TRI-CHEM guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control.
- TRI-CHEM is recommended to verify with TRI-CHEM that the product is suitable for the intended use, and that this data sheet version is the latest one.
- TRI-CHEM may modify it without prior notice and technical characteristics are listed for guidance only.
- Any specification, recommendation or information mentioned in this product data sheet is (to TRI-CHEM's best knowledge) true and reliable.
- However, because TRI-CHEM has no influence on the application method of these products and the care taken, the company cannot accept any liability arising from the use of its products.
- TRI-CHEM's warranty is therefore limited to the quality of the materials supplied which are guaranteed against defective materials.

**Factory & Head Office:**

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
Tel.: (002) 011 195 48267 - Sales: (002) 010 007 88817 - (002) 011 184 87597
Technical Support Call : (002) 011 184 87880 - Email: sales@trichem-eg.com

www.trichem-eg.com

