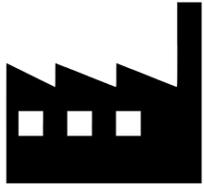


# We Supply Acrylic Resins for:



**Road Marking**



**Industrial Coatings**



**Automotive Coatings**



**TEDORA INTERNATIONAL**  
Import & Export

TedAC KCP 132

TedAC KCP 132L

TedAC KCP 132SK

- **2-Component cold plastic paints**

TedAC KCP 152

TedAC KCP 162

- **2-Component cold plastic paints/Spray**

TedAC KCP 125

- **2-Component Methacrylate resin for topcoat**

TedAC TRM 60TL

TedAC TRM 60T60

- **Acrylic thermoplastic paints**



These grades are used in formulating 2-component cold plastic paints for **road marking** so as to improve safety and visibility as well as providing anti-skid properties. These paints are durable, long-lasting, and easy to apply, making them a cost-effective solution for road marking applications worldwide.

There are several ways in which two-component cold plastic paints can be applied, depending on the specific requirements of the project and the equipment available. Some common methods include:



**Spray application:** Using a spray gun, the cold plastic paint can be sprayed onto the surface to create a smooth and uniform coating. This method is often used for large areas or road markings where precision is key.



**Trowel application:** This method allows for more control over the thickness and texture of the coating. This method is often used for smaller areas or projects that require a more handcrafted finish.



**Stencil application:** This item allows for precise and consistent marking of symbols, letters, or numbers. This method is commonly used for creating parking lot markings, playground designs, or other decorative elements.



**Roller application:** It can be used to quickly and evenly cover larger areas. This method is often used for parking lots, sidewalks, and other surfaces where speed and efficiency are important.



TedAC KCP 132

TedAC KCP 132L

TedAC KCP 132SK

Viscosity (cp) At 25 °C	Flow time (s) ISO 2431	Application time (20 °C) Hardener 50 DBPO : 1%	
		Pot life	Setting time
25±5	17±3	15 min	35 min
15±5	15±3	15 min	35 min
250±50	75±5	15 min	35 min

Manual or semi-automatic application by Trowel and draw box, center markings on highways, Marking at junctions and crossings, stop lines and direction arrows.

Application by 2-component extrusion machines .  
(100 : 2 system)



TedAC KCP 152

TedAC KCP 162

TedAC KCP 125

Viscosity (cp)	Flow time (s)	Application time (25 °C)
At 25 °C	ISO 2431	<b>Comp. A resin : comp. B resin (1:1) with 2.4% hardener</b>

Pot life	Curing time
15 min	35 min

100±50	15±3	15 min	35 min
100±50	15±3	15 min	35 min

Application by 2 component **airless spraying machines** with **1:1** dosing. Use for Markings and crossings, edge and center markings on freeways and highways as well as safety markings with increased night-time visibility in wet conditions.

Viscosity (cp)	Flow time (s)	Application time (25 °C)
At 25 °C	ISO 2431	Hardener 50 DBPO : 1%

Pot life	Curing time
10 min	5 min

low viscosity **topcoat** used for reducing the dirt pick-up properties of road markings. This topcoat exhibits features like fast curing, dirt-pickup resistance, excellent adhesion, transparency and outstanding outdoor stability. Application method is manual by roller as a topcoat on center markings on freeways and highways.



TedAC TRM 60TL

TedAC TRM 60T60

These grades are air drying thermoplastic resins based on acrylate monomers which mainly developed for permanent road makings. They possess good adhesion to concrete and asphalt, excellent weathering resistance and high durability.

The main applications are for Centre markings on freeways and highways.

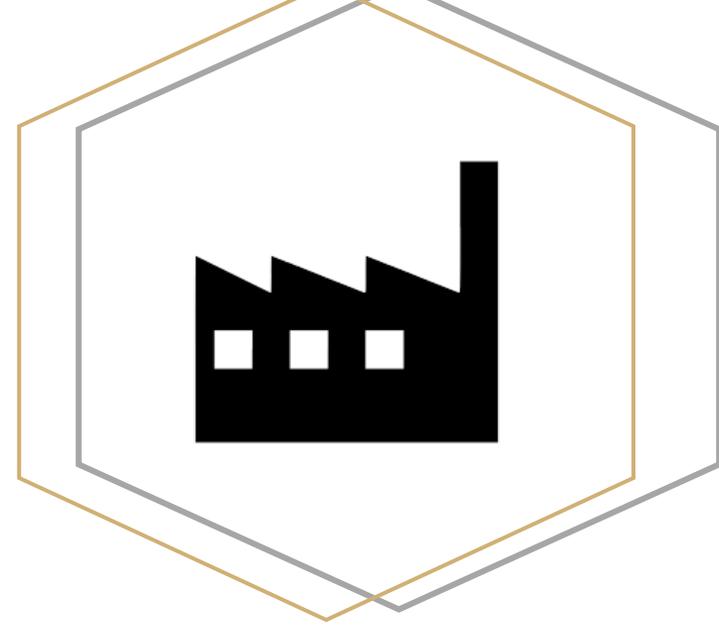
Manual application may also be feasible for drawing stop lines and direction arrows.

The main difference between these 2 grades is that **TRM 60T60** is appropriate for **tropical regions** due to higher glass transition temperature.



**KPR 5512X** is a hydroxyl functional acrylic resin designed to crosslink at room temperature with polyisocyanates, particularly for polyurethane coating applications. KPR 5512X reveals extremely fast drying, good resistance to solvents and chemicals, and outstanding weathering resistance, making it suitable for industrial and automotive coatings, two-component lacquers and varnishes for wood.

**KPR 5518XH** is a hydroxyl functional acrylic resin designed to crosslink at room temperature with polyisocyanates, particularly for polyurethane coating applications. KPR 5518XH has high pencil hardness, good adhesion and flexibility, excellent resistance to solvents and chemicals, and weathering, making it suitable for high-quality industrial coatings.



**TedAC KPR 5512X**

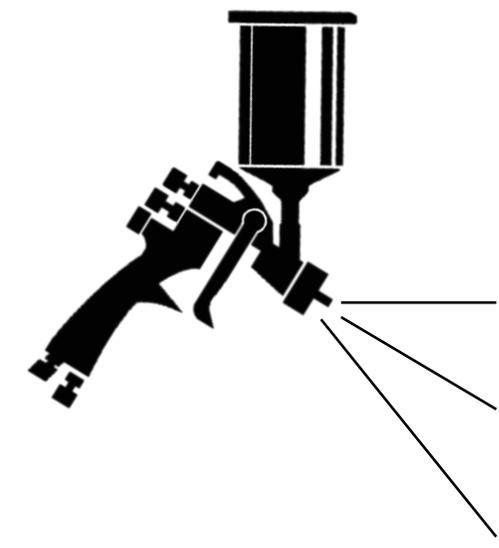
**TedAC KPR 5518XH**

**TedAC KPR 6027XH**

**KPR 6027XH** with higher OH content reveals a higher level of reactivity and a faster curing time, it has more reactive sites available for crosslinking. This can result in improved adhesion, hardness, and chemical resistance in the final coating.

In comparison, **KPR 5518XH** with a lower OH content may have slower curing times and less reactivity, but may offer improved flexibility and impact resistance in the cured coating. The final choice of acrylic polyol OH content will depend on the specific requirements of the coating application and the desired balance of properties.





**TedAC KAT 6030XP**

**TedAC KAT 6042XM**

**TedAC KAT 6045XM**

KAT 6042XM and KAT 6030XP are hydroxyl functional acrylic resins designed to crosslink at room temperature with polyisocyanates, particularly for polyurethane coating applications. TedAC KAT 6042XM reveals suitable hardness, good adhesion and flexibility, good resistance to solvents and chemicals, and excellent outstanding weathering resistance and gloss retention, making it suitable for automotive, industrial and plastic coatings.

TedAC KAT 6030XP is a hydroxyl functional acrylic resin designed to crosslink at room temperature with poly isocyanates, particularly for polyurethane coating applications. KAT 6030XP reveals high pencil hardness, good adhesion and flexibility, excellent resistance to solvents and chemicals, and outstanding weathering resistance, making it suitable for high-quality industrial coatings.

