

## MMA Cold Plastic



## Durable and colourful area markings

PlastiRoute™ Rollplast and PlastiRoute Rollgrip have been specially developed for colourful area marking on areas that require good grip, for example walkways and bicycle lanes. Both products are solvent-free and have been developed using MMA Technology (Methyl Methacrylate), an extremely hard wearing 2-component cold plastic system. PlastiRoute Rollplast is best suited to pedestrian areas, whereby, PlastiRoute Rollgrip is better suited to areas where strong shear forces occur, such as breaking zones in front of pedestrian crossings.

Cold plastic can also be used in much the same way as traditional thermoplastic screed, in that it may be used for long lining via a hand mould.

PlastiRoute FP-2C is a cold plastic material that is designed specifically for this use. The mix of fine binders and the ability to hold reflective bead, means that the material can provide a quick and effective road marking, without the need for expensive plant or equipment.



**Product Description**

PlastiRoute Rollplast and PlastiRoute Rollgrip are liquid, rollable, solvent-free road marking materials that cure via peroxide Initiator. We recommend it as a permanent area-coating with strong anti-slip properties and high durability. It has been developed for hand application using paint rollers, on asphalt as well as on concrete via a primer. The products are very thixotropic, which means that they do not level or flow after rolling. Using a medium pile roller, the material is automatically deposited in the shape of small peaks of 2-3mm in size, thereby creating a strong texture. This texture gives superior slip/skid resistance under wet/rainy conditions, when friction is needed the most. PREMARK™ or Decomark™ symbols can be applied on top of either product. PlastiRoute FP-2C is a 2-component MMA based road marking paint, used extensively for long lining and hand moulding. The material contains fine fillers, providing skid/slip resistance but requires a broadcast glass bead to meet the requirements of the highway standards.

**Technical Characteristics**

PlastiRoute Rollplast and PlastiRoute Rollgrip are available in almost any colour tone. Our primarily requested RAL colours are as follows;

PlastiRoute™ Rollplast	PlastiRoute™ Rollgrip	PlasticRoute™ FP-2C
1023 Traffic Yellow	1023 Traffic Yellow	1018 Primrose
1014 Buff	3009 Oxide Red	1023 Traffic Yellow
2009 Orange	3013 Tomato Red	3020 Traffic Red
3020 Traffic Red	3020 Traffic Red	5012 Light Blue
5015 Medium Blue	5015 Medium Blue	5017 Traffic Blue
5017 Traffic Blue	5017 Traffic Blue	6024 Traffic Green
6024 Traffic Green	6024 Traffic Green	9016 White
7042 Traffic Light Grey	7042 Traffic Light Grey	9017 Black
7043 Traffic Dark Grey	7043 Traffic Dark Grey	
9016 White	9016 White	
9017 Traffic Black	9017 Traffic Black	
3011 Brown Red		
3013 Tomato Red		
4006 Purple		
5012 Light Blue		
6018 Light Green		

**Skid Resistance** If no drop-on material is used on top of this material (which is recommended), friction of the marking is determined by the application method, road surface texture, wear and primarily the marking material itself. PlastiRoute Rollplast and PlastiRoute Rollgrip are developed for road marking applications with highly increased grip for traffic security. They incorporate aggregate particles of more than 50% weight and particle size up to 1.8mm. Skid resistance is very high because of its texture. If these material are installed as recommended, the measured pendulum test value is >65 PTV

**Storage**

12 months unbroken, under proper storage conditions.  
 Store in tightly closed original containers in a dry, well-ventilated room at temperatures between +5°C and +30°C, not directly on the floor and not in the vicinity of heating radiators.  
 Please note that the material can show a tendency towards sedimentation during transport and storage. After having stirred up homogenously, the material will be ready for use again.

**Packaging**

**PlastiRoute Rollplast and PlastiRoute Rollgrip:** Metal bucket 16kg net weight  
**Peroxide Initiator Perkadox CH-50X:** 100g, 200g  
**Peroxide Initiator Perkadox CH-24X:** 100g, 200g