



TECHNICAL DATA SHEET

T-ROUTE 2K ROLPLAST MMA SURFACING

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GENERAL PRODUCT INFORMATION

T-ROUTE 2K ROLPLAST MMA SURFACING is a 2-component, solvent-free surfacing/coating product based on PMMA (solvent-free polymethyl methacrylate). The product is highly versatile and is suitable for applications such as walkways, delineation, parking bays, pedestrian crossings etc. T-Route 2K ROLPLAST MMA SURFACING is extremely hard wearing and is suitable for application by hand (by roller only or by squeegee & roller). T-ROUTE 2K ROLPLAST MMA SURFACING contains premixed fine fillers and aggregates.

Features

- Highly durable
- Highly versatile
- Cold applied easy application and quick drying
- Flexible
- Suitable for bituminous and concrete surfaces
- Excellent skid resistance
- Solvent free

APPLICATION INFORMATION

Ensure that the surface to which the T-ROUTE 2K ROLPLAST MMA SURFACING will be applied is dry, clean, free from oil, dust, grease, road salts, loose particles and any other types of contaminants before application. It may be necessary to clean the surface prior to marking and further guidance is given below. Mix the T-ROUTE 2K ROLPLAST MMA SURFACING thoroughly prior to use with a helical stirrer. Once this is completed add two sachets of hardener per 16kg and mix the hardener component for a minimum of 90 seconds. It is recommended to apply the product by using a squeegee or trowel. T-ROUTE 2K ROLPLAST MMA SURFACING can be applied by foam/short pile roller only or by squeegee and roller. Once T-ROUTE 2K ROLPLAST MMA SURFACING has been applied to the surface in a homogenous layer by squeegee or roller any high peaks can be smoothed out using a short pile roller. For a more textured finish a medium pile roller can be used.

T-ROUTE 2K ROLPLAST MMA SURFACING is suitable for application on bituminous and concrete surfaces. When applying on new bituminous surfaces please consult the document "Guidance for Application of T-ROUTE 2K ROLPLAST MMA SURFACING On New Bituminous Surfaces".

When applying on concrete or other cementitious surfaces and block pavers it is recommended to use a method of preparation suitable for the surface and site location in order to make sure that the surface is clean and sound. Suitable methods of preparation include shot blasting, hydroblasting, grinding, scabbling and planing. When using these methods of preparation a primer is not normally required. However where surfaces are highly absorbent, very porous or old/worn, T-ROUTE 2K EPOXY PRIMER applied at 100g per m² can be used.

Care should be taken to ensure that any existing markings or coatings to which T-ROUTE 2K ROLPLAST MMA SURFACING will be applied are compatible. In case of any doubt it is recommended to carry out a test application and adhesion tests.

T-ROUTE 2K ROLPLAST MMA SURFACING (2mm) is supplied at application viscosity. If necessary thinning is possible only using a 100% MMA thinner such as T-ROUTE THINNER for 2K/3K. A maximum of 1% by weight can be added.

Application equipment can be cleaned with Safemark Cleaner & Thinner. Care should be taken to ensure that, after cleaning, application equipment is free of solvent as solvent interferes with the curing of MMA products.

TECHNICAL SPECIFICATIONS

Binder content	Based on PMMA (polymethyl methacrylate)
Pigment	UV resistant, lead free and colour fixed
Mixing Ratio	2 sachets of hardener per 16kg
Skid resistance	≥55 SRT when applied correctly (test method EN 1436)
Spread Rates	1.5-2kg/m2 depending on surface for a layer thickness of 0.8-1.2mm
Application Minimum and Maximum Air and Surface Temperature	5 - 40°C. Maximum relative humidity of 85%.
Curing time	Curing times vary according to surface and ambient temperatures: approximately 20 minutes at 30°C approximately 30 minutes at 20°C approximately 40 minutes at 10°C

STANDARD COLOUR RANGE

T-ROUTE 2 ROLPLAST MMA SURFACING is available in Traffic Yellow (RAL 1023), Traffic Red (RAL 3020), Traffic Blue (RAL 5017), Traffic Green (RAL 6024), Traffic Grey (RAL 7042), Traffic Grey B (RAL 7043), and Black. Other colours are available on request.

PACKAGING AND STORAGE

T-ROUTE 2K ROLPLAST MMA SURFACING	16kg metal pails 115g sachets of hardener (2 sachets per 16kg)
Storage Life	12 months in unopened original packaging and in dry conditions. Products must be stored at temperatures between 5°C and 30°C, not in direct sunlight and must not be exposed to freezing conditions.