



PLASTIROUTE

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TECHNICAL DATASHEET

- PLR UWS Temporary Marking Paint - Basic (articlenumber 423900xx; xx packing code)

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In combination with

- PLR UWS Pigment Paste, available colours

Blue article nr. 423954xx; **Red** article nr. 423933xx
Yellow article nr. 423912xx; **Green** article nr. 423963xx

Description of product Waterborne acrylic Paint ; aqueous Pigment-Paste.
Suitable for pneumatic and airless spray application.

Area of application To be used for temporary marathon marking, very good hiding power.

!! To be used for applications up to max. 250 µm wet film thickness !!"

Technical characteristics

Chemical composition Waterborne 1-component acrylic Paint; aqueous organic - Pigment-Paste, stabilised
Colour Milky-white, different colourtones available
Density 1,80 ± 0,03 kg/l (basic) 1,03 ± 0,03 kg/l (paste)
Solid Content 72,5 % ± 2,0% 8,0 % ± 1,0 %
VOC-content None (according to VOC-guideline 2004/42/EG)
Additional information See MSDS.

Application note

Start up / Mixing ratio Before starting works the Paint (basic) has to be mixed with the Paste thoroughly
By weight: 100 : 3 equivalent to 25 Kg Paint + 0,75 Kg Pigment Paste
By volume: 18,5 : 1 equivalent to 14 Ltr. Paint + 0,73 Ltr Pigment Paste
Surface preparation For bitumen surfaces. The surface has to be dry, clean and adhesive. It has to be free of dust, oil or other contamination

Application conditions Air temperature: > 12 °C
Pavement temperature: 15 °C – 45 °C
Air humidity: up to 75 % H rel.

Airless Equipment Recommend nozzle type: 0,019 – 0,023 inches Angle ≤ 40
Recommend filter 60 mesh

Note: Dry paint chips are not soluble in water

Wet film thickness

Maximal 250 µm

Higher wet film thickness will increase the drying time disproportional high

Consumption Approximate: 0,45 Kg / m² 0,25 Ltr. /m²

(all tones)

Quantity for a line (wet film thickness 250 µm) with a length of 1000 meter

Width	Quantity
8 cm	20,0 Ltr = 36,0 Kg
10 cm	25,0 Ltr = 45,0 Kg
12 cm	30,0 Ltr = 54,0 Kg
15 cm	37,5 Ltr = 67,5 Kg

Drying Time 250 µm: 30 Min.

Rain resistance 250 µm: 40 Min. after drying time

(without mechanical load)

Storage

6 months ex works in original packaging. Do not store at temperature under + 10°C.

Packaging

Paint: Plastic bucket with 14,0 Ltr. = 25,2 Kg net.

Paste: Plastic can (screw cap) with 0,73 Ltr = 0,75 Kg

Remove

High pressure cleaner or Pass over less 50.000 (depends from conditions)