



2C COLD SPRAY PLASTIC (SYSTEM 1:1)



Two-component acrylate cold spray plastic for asphalt and concrete road pavements (System 1:1)

External application

- Use:**
- Marking of roads and highways parking areas, children and sports yards, with asphalt and preliminary primed with Deko Professional specialized primer for road marking concrete surfaces. Complies with requirements for road structures
 - Marking of most heavily loaded areas of city roads network, mostly pedestrians walkways, stop lines, arrows and other large scales areas markings. It gets dry very fast that is why the traffic is closed for very short period of time.

- Properties:**
- Complies with EN 1871:2004 “Materials for road marking. Physical characteristics”;
 - Quick drying –traffic release after 30 min
 - Excellent exploitation properties, which ensure very good conditions for the traffic safety;
 - High wear resistance;
 - Good elasticity in high temperature range (from -20 to 40 ° C);
 - High coefficient of cohesion;
 - Resistance to gasoline, oils, salt and water;
 - Resistance to atmospheric influence
 - Does not contain organic solvents

Classification: Meets the requirements of Bulgarian legislation.

CHARACTERISTICS

INDEXES	NORM
Viscosity under KU:	min 90 KU units
Density: (BSS EN ISO 2811-1)	1,50 ± 0,10 kg/L
Complete drying time after addition of 4% Hardener in component B and mixing with Component A in ratio 1:1 at (23 ± 2)°C: (BSS EN 29117)	max 20 min



Vitality of mixture after addition of 4% of hardener in component B and mixing with component A in ratio 1:1 at (23±2)°C:	min 6 min
Ratio between the thickness of dry and wet coating:	min 0,50 conditional units
Resistance to bending around cylindrical body At thickness of the dry film 80-90 µm: (BSS EN ISO 1519)	max 20 mm
Abrasion resistance of the coating: (BSS 14120-77)	min 0,80 kg sand/µm
Alkali resistance: (EN 1871)	No external changes
Skid resistance: (EN 1436)	min 45 SRT units
Resistance to surface friction, weighing loss, after 100 turnovers: (MKS.Z.S₂.240)	max 50 mg
Coefficient of strength (β): (EN 1871)	β = 0,80 % class LF6 – for white color β = 0,40 % class LF1 – for yellow color
Consumption:	<ul style="list-style-type: none"> • 450 g/m² at dry film thickness approx 0.3 mm; • 1200 g/m² at dry film thickness approx 0.8 mm.
Drying:	<ul style="list-style-type: none"> • At exploitation thickness of dry coating 0.8 mm, depending on surrounding temperature, the drying time is 10 – 20 min; • For durability of road marking and whiteness keeping for longer period of time, we recommend to release the road traffic after лед 1 hour.
Colours:	It is produced in 2 main colours – white and yellow.
Packaging:	<ul style="list-style-type: none"> • Component A - Metal conic cans with net weight 26 kg. • Component B - Metal conic cans with net weight 25kg, .in a set with Deko Professional Hardener for 2C cold spray plastic, packaged in polythene packages with net weight 1 kg.

Drying:	Storage temperature up to 25 ⁰ C. Store in original, tightly closed packages in closed and dry warehouses, away from direct sunlight and heating appliances! Keep out of the reach of children! Shelf life: 3 months from the production date in fabrically closed package.
Dilution:	Do not dilute If it is necessary the components can be diluted with 2 % of BAT thinner.
Preparation for work:	<ul style="list-style-type: none"> • The surfaces should be dry and clean from dust and heavily oils. • Preliminary over the concrete and worn out asphalt surfaces is applied Deko Professional Specialised primer for road marking.
Application devices:	Specialized road marking machines
Application technique :	Specialized road marking equipment. <ul style="list-style-type: none"> • Preliminary to component B add 4% of hardener for cold spray plastic; • During the application process component A is mixed with component B in ratio 1:1.
Cleaning up of the instruments:	With BAT Thinner
Application conditions:	Work in dry time at temperature 5 ⁰ C to 35 ⁰ C.
Suitable substrates:	<ul style="list-style-type: none"> • Asphalt and preliminary primed concrete surfaces; • For other bases, please consult with us.
Unsuitable substrates:	<ul style="list-style-type: none"> • Wooden surfaces; • Ferrous and non-ferrous metals.
Preparation of the substrate:	<ul style="list-style-type: none"> • Cleaning from mud and dust; • Removing of oily stains with UR Thinner/ AMV Thinner/ MRT Thinner; • Drying of the painted surfaces. • If necessary prime the concrete surfaces with Deko Professional specialized primer for road marking.

Application system:

Substrate	Asphalt and concrete surfaces
Finish coating	Deko Professional 2 C cold spray plastic for road marking

Hygiene and safety work:

Deko professional 2C cold spray plastic paint for horizontal road marking is classified as irritant and fire hazardous product. When applying it, the requirements for fire safety and production hygiene must be kept.

If necessary – refer to the Material Safety Data Sheet.

The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

