

DRSS BASCOPLAST COLD PLASTIC

PRODUCT NUMBER: ARXNN42

DESCRIPTION

A 2-component, solvent-free reactive methyl methacrylate, cold plastic for permanent markings on bituminous coverings and pre-treated concrete, suited for flat, structured and audio-tactile marking systems. Bascoplast Cold Plastic comes in two viscosity variants standard is used for structured and flat markings and the other a higher viscosity for Audible Tactile System "Ribs" is required.

ITEM NAMES AND ORDER NUMBERS

- **White** Item number **ARK0142**
- **Yellow** Item number **ARK0146**
- **Hardener** Item number **ARK0026**

Use in conjunction with silane coated high index beads.

FEATURES

- Application over all known road marking types.
- Excellent resistance to abrasion and weathering.
- High elasticity.
- Good adhesion, water and thawing salt resistance.
- High skid resistance.
- High visibility at nighttimes and in rain.

LIMITATIONS

- Do NOT use on paving stones.
- Do NOT apply when ambient temperature is below 5°C or above 30°C.
- Do NOT apply to WET roads.
- Use only silane coated 200 - 600 µ beads with this product.
- Adding more thinning solvent MMA than 500ml per 30kg Bucket can stop the curing reaction.

PROPERTIES

Resin System	Reactive Acrylate
Pigmentation	Titanium Dioxide
Finish	Matt
Colour	White and yellow
Dilution Rate	Use as supplied
Density kg/litre	White 1.988, Yellow 1.85
Volume Solids	100%
Liquid BPO Hardener	1-2% by weight
Pot-Life @25°C	5 - 12 minutes, dependant on temperature
Number of Coats	Generally 1
Thinning Solvent	Methyl Methacrylate (MMA), Max allowed 500ml per 30kg bucket
Clean Up	Thinners PF2 MEK or PF4 Toluene

SURFACE PREPARATION

Direct application to hotmix asphalt and chip seal. New surfaces should be left for 4 weeks and free from oil film. This can be removed by water jet blasting. Direct application to concrete is NOT recommended. Allow 28 days curing period for new concrete and then apply a coat of CAP Concrete Primer, prior to application of Bascoplast Cold Plastic. Ensure seal is clean and free from oil, grease and dirt contamination, and all loose chips.

COVERAGE - GRAMS PER LINEAL METRE WHITE OR YELLOW LINE (100MM WIDE)

Audible Tactile System	(Rib only-250mm centres) 295 gram Bead - Standard Silane
Flat Application	450 gram Bead - Standard Silane
Structured Application	280 gram Bead - Standard Silane

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TRACK-FREE TIME

- Minimum Coning off time, dependant on ambient temperature and humidity, 30 minutes at 25°C 60% relative humidity.

APPROVALS

New Zealand NZTA M/20
 New Zealand NZTA M/24
 Germany BASt-control-No. 2002 1DY 05.04

STANDARD PACKAGING

Coating 30kg Pail / 1500kg / 720kg (yellow only)
 Liquid BPO Hardener 20kg Pail

ACCESSORY MATERIALS

- Thinner PF2 MEK or PF4 Toluene to rinse and clean only.

STORAGE STABILITY

- 12 months in original sealed package.
- Product must be stored under cover in a cool dry place.
- Stirring prior to use is recommended.
- Protect from Frost.

SAFETY REGULATIONS

	Component A	Component B	Component C Powder	Component C Liquid
Toxicity	4	4	4	4
Flash Point	10°C	10°C	-	-
D.G.Class	3	3	5.2	5.2
UN No.	1263	1263	3106	3106
Packaging Group	III	III	II	I

DISPOSAL

Dispose with care according to local regulations.

Note: This product is free from aromatic solvents. The use of personal protective equipment such as safety glasses, gloves, overalls etc is mandatory when handling these products, especially the hardener. Refer to Material Safety Data Sheet for this product.