TECHNICAL DATA SHEET

N° 22

FINISHINNG
Single component

Edition December 07

MONOTAR BT 51

HIGH VISCOSITY BITUMIOUS SYSTEMS.
Can be applied in one or two coats with 200 to 300 dry microns per coat. Ensures an anticorrosive protection on metals and wood surfaces.

FEATURES

MONOTAR BT 51 is a single component filler, thick soft coating with HIGH VISCOSITY made of BITUMOUS.

- Easy to apply with roller or airless spray even in difficult atmospheric conditions.
- Easy to recoat and refit.
- Can be applied in one or two coats with 200 to 300 dry microns.
- Excellent water resistance.
- Ensures an anticorrosive protection on underground metal surfaces.
- Ensures a protection of wood in immersion.
- Obtains a high flexible film.

RECOMMENDED USES

Protects the under waterline of classic wood boats and barge hulls.

Ensure the internal protection of:
- tanks,
- waterresistant tarpaulins,
- ballast,
- pipes under pressure,
- buried structures, etc.

Paint represented on aptitude list anticorrosive paint systems for SNCF (200 dry microns).

SPECIFICATION DATA

COATING TYPE: bitumious intercoat

COLOR : Black

GLOSS : Semi-gloss

COMPONENT : Single component

THINNER : N° DG 6

DENSITY AT 23°C : 1,20 +/- 0,05g/m^3

VOLUME SOLIDS : 59%

VOC : 308,35 g/l

THEORETICAL SPREADING RATE :
3 Sq.m/ L for 200 dry microns

RECOMMENDED FILM THICKNESS PER COAT:
Dry : 100 to 300 microns
Wet : 175 to 500 microns

DRY TIME
(at 20°C - 40 to 60 % HR for 200 dry microns) **:**
Dustfree : 5 to 6 hours
To handle : 10 to 20 hours

DRY TIME PER COAT
(at 20°C - 40 to 60 % HR for 200 dry microns) **:**
Minimum : after drying
Maximum : No critical if HP washing

MAXIMUM TEMPERATURE RESISTNCE : 100°C

SURFACE PREPARATION

New surfaces: degrease by abrasive blasting to grade Sa 2,5 (as per ISO 8501-1988) minimum with an «average G» profile roughness (as per NF EN ISO 8503-2), Ra between 10 and 13 microns. Degrease if necessary.
Old surfaces: eliminate rust, grease and old loose paint by scraping, brushing, grinding or rubbing down.
Maintenance: HP washing, eliminate rust and old loose paint and spot finish of areas laid bare by application of one or preferably two coats of primer.

MONOTOP BT 51 is compatible with primer MINIUM DE PLOMB MP 40, GP 45 and GP 46.
It can be recoated by UNDERCOAT MPO 500 if this one is applied with brush or roller without dilution, after minimum 7 days of drying with MONOTAR BT 51 film.
It is recommended to apply on this system only black or dark colored antifoulings.

For all other types of systems, contact our technical department.

MIXING AND THINNING

You must mix the base during 10 minutes to obtain a smooth, homogeneous condition.

A dilution from 0 to 5% of DG 6 (spray) is possible according to the AIRLESS application.
Application with brush or roller, not diluted.

You must check viscosity with cup DIN or AFNOR.

Don't forget to mix after every dilution.

APPLICATIONS

APPLICATION METHOD		THINNING	TIP SIZES	PRESSURE
BRUSH	YES	0%		
ROLLER	YES	0%		
SPRAY GUN	NO	-		
AIRLESS SPRAY (45/1)	YES	0 to 5%	0,021 to 0,023 mm	100 to 200 BARS

CONDITIONS FOR APPLICATION :
Optimum : 20 to 25 °C for 50 to 70 % HR
Limit : 10 to 30 °C for 30 to 80 % HR

The substrate temperature must be at least 3°C above the dew point to avoid any condensation - consult the conversion table available at Map Yachting.

VISCOSITY : NC

PRECAUTIONS AND SHELF LIFE

See the material safety data sheet and product label for complete safety and precaution requirements

CONDITIONNEMENT : 5 Liters
CLASS ONU : 1263
SHELF LIFE : 24 months in original unopened cans at + 10 and + 25 °C away from humidity - 12 months in tropical climate
FLASH POINT : Between 23°C and 55°C
ETIQUETTE : F : Flammable Xn : Harmful

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