

Epifanes Black Bottom

Flexible black underwatercoating for the (underwater) protection of steel and wood. Also suited for repair and/or maintenance of existing (coal-)tar layers. May also be used for application above the waterline. Colour fast and resistant to alternate immersion and influences of air.

Type	Physical drying
Base	Bitumen
Colour	Black
Gloss	semi gloss
Density	0,97 kg/dm ³
Viscosity	120 - 130 seconds Din Cup 4 mm
Solids content	55 ± 2 vol.%
VOC contents	358,5 g/l

Drying times at 20°C. / 65% RAH

Dustdry	Recoatable
2 hours	12 hours

Application

	Airless spray	Air spray	Brush/roller
Vol.% thinner	5	10-15	0 - 5
Nozzle	0.015" - 0.021"	1.5-2.0 mm	
Pressure (Bar)	150	3-4	
Viscosity Din Cup 4 mm	60-80 sec.	20-24	

Thinner

- Airless spray application
- Air spray application
- Brush application

Epifanes Thinner D-100
Epifanes Spraythinner for Paint & Varnish
Epifanes Brushthinner for Paint & Varnish

Recommended system :

Under water
Above water

250 micron dry (= approx 5 coats).
150 micron dry (= approx 3 coats)
Do not sand between coats.

Recommandations

Apply first coat by stiff brush, thinned 15-25% with Epifanes Spraythinner for Paint & Varnish.

Theoretical coverage

Practicle coverage

10 m² per liter @ 50 µm dryfilmthickness
Dependant on application methode, kind and condition of substrate, loss of material due to shape of object, circumstances during application, etc.

Recommended wft per coat

Application

100 micron (=50 micron dryfilmthickness)
Do not apply wet-on-wet and do not apply excessive wet films in order to avoid the formation of curtains and drying problems.

Launching

Recoatability

Allow the system 5 days to dry before launching.
Epifanes Copperfree Antifouling (classic antifouling)

Substrate conditions

Mill scale must be removed. Surface must be clean, degreased, dry, well sanded and free of dust. Remove all salt and other water soluble dirt with fresh water. Remove grease and oil with water and ammonium solution or Epifanes Spraythinner for Paint and Varnish.
Remove all rust and loose flakes

Application guide lines

Stir well prior to application. The application and drying should occur in well ventilated areas. Always secure sufficient air circulation for supply of fresh air and disposal of solvent fumes in order to avoid health hazards and safety problems. The temperature during application and drying should not be lower than 8°C. Relative air humidity should not exceed 85%. Temperature of object during application and drying should be 3°C above dew point.