

## Thixotropic Bitumen

### PRODUCT INFORMATION

**Reference Number:**

90-14

**Coating type:**

Bitumen

**Typical uses:**

For the protection of steelwork subject to moisture or condensation

**Colours available:**

Black and brown

**Appearance:**

Sheen

**Features and benefits:**

- High sag tolerance affording higher thickness per application

### TECHNICAL INFORMATION

**Theoretical coverage:**

1.6m<sup>2</sup> per litre at 250 microns dry film thickness

**Film thickness:**

	Wet film thickness	Dry film thickness
<b>Typical:</b>	625 microns	250 microns
<b>Range:</b>	500-750 microns	200-300 microns

**Sag tolerance:**

750 microns wet film thickness

**Recommended primers:**

13-LINE Rapidac metal primer

79-LINE Epidac 2 metal primer

*Or, applied direct to metal*

**V.O.C.:**

424g/m<sup>2</sup>/ltr EPA Method 24

466g/m<sup>2</sup>/kg calculated from formulation to satisfy EU

Solvent Emissions Directive

*May vary with colour*

**% Volume solids:**

40% calculated from laboratory formulation

*May vary with colour*

**Drying time:**

Temp.	Touch dry	Overcoat
5°C	10 hrs	After 22 hours with self
10°C	8 hrs	After 20 hours with self
15°C	6 hrs	After 18 hours with self
20°C	4 hrs	After 16 hours with self

*Drying time will vary with temperature, air movement, film build etc.*

### SURFACE PREPARATION

**Paint preparation before use:**

Make sure that the paint is stirred well before use, making sure the bottom of the can is stirred as well to ensure the paint is mixed well until the paint is homogenous and has a good consistency.

**Mixing ratio by volume:**

N/A

**Surface preparation:**

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

## APPLICATION

### Application conditions:

This material should preferably be applied at temperatures in excess of 10°C. Relative humidity should not exceed 90% and in these conditions good ventilation is essential. Substrate temperature should be at least 3°C above the dew point and always above 0°C.

At application temperatures below 10°C, drying and curing times will be significantly extended, and spraying characteristics may be impaired.

### Airless spray:

Tip size: 21 thou (0.54mm)

Tip pressure: 3000psi (204bar)

### Brush application:

Apply using a full wet brush, evenly distributing the coating over the substrate.

### Thinning:

Dacrylate Thinner R21 or R70 may be required when spraying the product to achieve optimum spray characteristics.

### Clean-up:

Clean all equipment after use with Dacrylate Thinner R21 or R70. Do not allow product to remain in hoses, guns or spray equipment. All surplus product should be disposed of in accordance with appropriate regional regulations/legislation.

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## STORAGE AND PACKAGING

### Storage:

Under cover within temperature range of 5°C to 32°C. Keep containers dry and tightly sealed to avoid moisture contamination.

### Shelf life:

2 years or longer in unopened containers when stored under cover within a temperature range of 5°C to 32°C.

### Pot life (at 20°C):

N/A

### Packaging:

5 and 20 litre packs

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## HEALTH AND SAFETY

Please refer to the following data sheets:

**90-14 10378 HB Bitumen**

*All work involving the application and use of this product should be performed in compliance with all relevant national, health, safety & environmental standards and regulations*

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## ADDITIONAL NOTES

The application and spray information given above is intended as a guide only. As conditions vary from job-to-job, it is the applicators responsibility to ensure all equipment in use has been set up to give the best results.

## WARRANTY

Dacrylate warrants its products to be free from defects in material and workmanship. Dacrylate's obligations and buyer's exclusive remedy in connection with the products shall be limited, at Dacrylate's option, to either replace the products not conforming the warranty or the credit of the buyers account in the invoiced amount of the non-conforming product. Any claim under this warranty must be made by the Buyer to Dacrylate in writing within five (5) days of the Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. The Buyer's failure to notify Dacrylate of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

*The information detailed in this datasheet is liable to modification from time to time in the light of experience and of normal product development, and before using, customers are advised to check with Dacrylate, quoting the issue number and date at the bottom of the data sheet, to ensure they possess the latest issue.*

*For further information, consult [www.dacrylate.co.uk](http://www.dacrylate.co.uk).*

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