

## **METRODECK BASECOAT** Polyester Roofing Resin

### **APPEARANCE**

Opaque pink-purple liquid resin

### **MAIN RESIN CHARACTERISTICS**

Orthophthalic unsaturated polyester  
Thixotropic – Preaccelerated  
Low reactivity - flexible  
Low styrene emission

### **MOULDING INFORMATION**

Hand lay up  
Spray up

### **MAIN APPLICATION**

GRP Roofing  
General moulding  
BS 476 pt.3 F.A.B. performance when used as a 2:1 resin:glass ratio laminate (2ply 450g/m<sup>2</sup>) covered with 800g/m<sup>2</sup> of metrodeck top coat.

### **LIQUID RESIN PROPERTIES**

(Typical values)  
Specific gravity at 25°C: 1.09  
Rotoviscometer viscosity at 25°C: 2.6 – 3.5 dPa.s  
Volatile content: 39 – 44%  
Reactivity at 20°C, 2% MEKP 50  
Gel time: 12 – 18 minutes

### **GUIDELINES BEFORE USE**

Materials should be conditioned to a reasonable temperature (15°C minimum) prior to use. Resin should be agitated before use. For further information please consult our Application Guide.

### **SHELF LIFE**

6 months

### **SAFETY PRECAUTIONS FOR HANDLING AND STORAGE**

**FOR FULL DETAILS PLEASE REFER TO SDS,** Polyester resins contain styrene monomer, classified as HARMFUL by inhalation and IRRITATING to eyes and skin. With a flash point below 32°C, polyester resins are classified with the proper shipping name 'resin solution, flammable' as determined by ADR Marginal 2301 Item 54. The current UK EH40 styrene occupational exposure limit is a MEL of 100ppm (8 hr TWA). And there is an industry, voluntary code of practice to work below 50 ppm. The Environmental Protection Act (1990,1995) must also be complied with. Resins should be stored cool, away from direct sunlight in closed containers. When stored in bulk, adequate venting of tanks is recommended together with a storage temperature not exceeding 20°C.

**Bodycote Warringtonfire External Fire Exposure Roof Test BS 476: Part 3: Report available on request.**

The information contained herein is based upon our own research and is intended to assist customers in determining whether our products are suitable for their specific applications. The user is required to check the quality, safety and suitability of our product prior to use. Starting point formulations and suggestions for use are given as guidance only and are made without warranty. Nor should it be construed as permission, inducement or recommendation to practise any invention covered by patent without authority from the owner thereof.