METRODECK TOPCOAT
Polyester Roofing Topcoat

DESCRIPTION
Unsaturated Polyester Resin in Styrene Monomer
Isophthalic
Medium Reactivity
Accelerated
Neutral colour
Light Stabilised

APPLICATION
Fire retardant Brush topcoat

CHARACTERISTICS
Medium chemical resistance
Medium heat resistance
Resilient
Good elongation

MAIN APPLICATION
GRP Roofing
General moulding
BS 476 pt.3 F.A.A. performance when used with Metrodeck Basecoat and a laminate of 1 ply 450g/m² and 18mm OSB T&G.

TYPICAL PROPERTIES
25°C, 1.8% LA3(1)
Gel Time 8 - 11 minutes
Shelf Life 4 months
Viscosity 25°C RVT 50-100 poise
Spindle No.5 @ 5 rpm
(1) LA3 - Peroxid Chemie

Alternative catalysts include:-
Butanox M50 - Akzo Chemie
Butanox LA - Akzo Chemie
Andonox LCR-S - Andos Chemical
Peroximon K12 - Atofina
Luperox DHD - Atochem
Andanox KP9 - Syrgis

SPECIFICATION
HIDE - COMPLETE AT 356 micron (14 mils/thou)
Appearance Neutral Thixotropic Liquid

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 Warrington Fire 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.