

TECHNICAL DATA SHEET

Contractor - RESIN

Issue 2 – April 2020

Description:

Cromar Contractor Resin is a pre-promoted, thixotropic, medium reactive polyester resin designed specifically for **Roofing Applications** and formulated to give extremely low styrene emission.

Benefits:

- Very low styrene emission.
- Low viscosity allowing rapid and efficient fibre wet-out.
- Long pot life combined with rapid cure.
- Superior mechanical properties

Application:

For full application instructions please download the **GRP Installation Guide** from our website: -

<http://www.cromarbuildingproducts.com/>

Typical Properties:

Physical Data in Liquid State at 25°C:

Test	Units of Measure	Nominal
Viscosity; Brookfield LV3 @ 60 rpm	cps	450
Thixotropic Index; 6/60	-	3.25
Styrene Content	%	41
Gel Time; 100g 1.25% catalyst	minutes	14
Peak Exotherm	°C	110

Mechanical Data in the Cured State:

Test	Units of Measure	Nominal	Test Method
Tensile Strength	MPa	79	ISO 527-1
Tensile Modulus	GPa	4.1	ISO 527-1
Tensile Elongation	%	2.5	ISO 527-1
Flexural Strength	MPa	105	ISO 178
Flexural Modulus	GPa	4.2	ISO 178
Heat Distortion Temperature	°C	74	ISO 75-A

Storage:

Resins are stable for six months from date of production when stored in the original containers away from sunlight at no more than 21°C. After extended storage, some drift may occur in gel time.

During the hot summer months, no more than two months stability at 86°F/30°C should be anticipated.

Health & Safety:

Please refer to the Material Safety Data Sheet on Cromar Contractor Resin.

Always read and understand the Material Safety Data Sheet before working with this product.

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com or telephone our Technical Line on 01977 663 133 option 4:

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.



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