

Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBESTER™ 6140 is despatched from our Sant'Albano Stura - Italy production plant.

For further information regarding this product please refer to:

Synthomer Specialty Resins

Phone: +39 0172 658111
eMail: infopowder@synthomer.com

Property	Typical Value	Unit	Method ¹
Acid value	29 - 34	mg KOH/g	Synt. 13/89
Viscosity @200°C (ICI C&P)	4400 - 6400	m Pascal • s	Synt. 21/90
Colour (50% solution)	2 max	Gardner	Synt. 42/93
Other Properties			
Glass transition temper. (Tg)	approx. 65	°C	Synt. 43/93

¹ internal method based upon the specified norm

Application Advice

ALBESTER™ 6140 resin has been specifically designed to give a superior exterior durability in 93:7 ratio with TGIC or 95:5 ratio with β-HAA. These coatings are suitable for GSB Florida 3 years and Qualicoat Class 2 approvals.

Starting Formula:

Cured with TGIC		Cured with β-HAA	
ALBESTER™ 6140	591	ALBESTER™ 6140	604
TGIC	45	β-HAA	32
Ti dioxide	350	Ti dioxide	350
Flow Agent ²	10	Flow Agent ²	10
Benzoin	4	Benzoin	4
	1000		1000

²66%active matter.

Baking Schedule:

10 minutes at 200°C (object temperature) TGIC.

10 - 15 minutes at 180°C (object temperature) β-HAA.

Shipping and Storage

ALBESTER™ 6140 resin should be stored in the original, undamaged and unopened containers in a dry place at temperatures between 5 and 30°C. Exposure to direct sunlight should be avoided. Under these conditions, the shelf life of this product is 1 (one) year from the date of delivery. Based on experience, the resin proved stable for an additional 3 (three) years.

Product Safety

Before handling please read the Safety Data Sheet of this product for advice on safety, use and disposal.