Certificate No: LR24105720ALP
Issue Date: 02/09/2024
Expiry Date: 01/09/2029

Certificate Of Approval Of A Polyester Resin

Manufacturer	**PT. JUSTUS SAKTI RAYA**
Address	Wisma Justus Jl. Danau Sunter Utara no. 27-28, Blok O3, Jakarta, 14350, Indonesia
Product	**Yukalac 157 Series**
Type	Orthophthalic Polyester Resin
Resin	Yukalac 157 BQTN-EX
Application	Laminating resin
Characteristics	Thixotropic, pre-accelerated, quick curing, hand lay-up, spray-up moulding
Applicable LR Rules	Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials

Approved Variants

Yukalac 157 QT-EX	Thixotropic
Yukalac 157 QTN-EX	Thixotropic
Yukalac 157 BQT-EX	Pre-accelerated, thixotropic
Yukalac 1571	Pre-accelerated, thixotropic
Yukalac 157 BQTN-EXJ	Pre-accelerated, thixotropic
Yukalac 751 BQT	Pre-accelerated, thixotropic

This certificate is issued to the manufacturer named above. The resin described has been examined in accordance with the requirements of Lloyd's Register and is approved for use in constructions built under Lloyd's Register survey.

This approval is subject to Lloyd's Register being informed of any changes in or modifications to the resin being used in accordance with the manufacturer's instructions and the relevant requirements of Lloyd's Registers Rules and Regulations.

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Andy Donovan

Non-Metallics & Coatings Team - Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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