



CERTIFICATE OF APPROVAL OF A POLYESTER RESIN

Certificate No. MATS/84/3

This certificate is issued to the company named below. 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's survey. This approval is subject to Lloyd's Register being informed of any changes in or modifications to the resin and the product being used in accordance with the manufacturer's instructions and with the relevant requirements of Lloyd's Register's Rules and Regulations.

Company	CRAY VALLEY - TOTAL STALLINGBOROUGH UNITED KINGDOM
Trade name	NORSODYNE
Resin	6343
Application	Laminating resin
Type	Orthophthalic polyester resin
Characteristics	Base resin
Applicable LR Rules	Rules and Regulations for Classification of Special Service Craft
Approved Variants	See attached Appendix

Valid until 1 January 2016

Date 19 January 2011

M Joglekar

Surveyor to Lloyd's Register EMEA
member of the Lloyd's Register Group

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Appendix to certificate MATS/84/3

Approved Variants

ENCORE 20	Pre-accelerated,Thixotropic,Sprayable , Low styrene emission
QC 21	Pre-accelerated,Thixotropic , White pigmented
QC 22	Pre-accelerated,Thixotropic , White pigmented
ENCORE 30	Pre-accelerated,Thixotropic,Sprayable , Low styrene emission
QC 31	Pre-accelerated,Thixotropic , White pigmented
ENCORE 50	Pre-accelerated,Thixotropic , Blue dye Low styrene emission
ENCORE 31	Pre-accelerated,Thixotropic , White pigmented Low styrene emission
QC 20	Pre-accelerated,Thixotropic
ENCORE 21	Pre-accelerated,Thixotropic , White pigmented Low styrene emission
E 8722	Pre-accelerated,Thixotropic , Blue dye low styrene emission
E 8724	Pre-accelerated,Thixotropic , Low styrene emission
E 8953	Pre-accelerated,Thixotropic , Blue dye
E 8956	Pre-accelerated,Thixotropic , Blue dye
QC 30	Pre-accelerated,Thixotropic
NORSODYNE H 13170 TA	Pre-accelerated,Thixotropic , Gel time variant
NORSODYNE H 13271 TA	Pre-accelerated,Thixotropic , Gel time variant
NORSODYNE H 13372 TA	Pre-accelerated,Thixotropic , Gel time variant
NORSODYNE H 13380 TA	Pre-accelerated,Thixotropic , Gel time variant
NORSODYNE H 13473 TA	Pre-accelerated,Thixotropic , Gel time variant
NORSODYNE H 13674 TA	Pre-accelerated,Thixotropic , Gel time variant
NORSODYNE H 13170 TAE	Pre-accelerated,Thixotropic , Gel time variant, Low styrene emission
NORSODYNE H 13271 TAE	Pre-accelerated,Thixotropic , Gel time variant, Low styrene emission
NORSODYNE H 13372 TAE	Pre-accelerated,Thixotropic , Gel time variant, Low styrene emission

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Approved Variants

NORSODYNE H 13380 TAE

Pre-accelerated, Thixotropic, Gel time variant, Low styrene emission

NORSODYNE H 13473 TAE

Pre-accelerated, Thixotropic, Gel time variant, Low styrene emission

NORSODYNE H 13674 TAE

Pre-accelerated, Thixotropic, Gel time variant, Low styrene emission

NORSODYNE H 13212 TAE

Pre-accelerated, Thixotropic, Low styrene emission

Variants of NORSODYNE 6343

Date 19 January 2011


