



## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Duramax Marine LLC</b>
<b>Address</b>	17990 Great Lakes Parkway, Hiram, Ohio, 44234, United States
<b>Place of Production</b>	Duramax Marine LLC 17990 Great Lakes Parkway, Hiram, Ohio, 44234, United States
<b>Type</b>	Shaft Seals
<b>Description</b>	Water Lubricated Seal for Stern tube and Rudder Applications
<b>Trade Name</b>	DryMax®
<b>Application</b>	Marine
<b>Specified Standard</b>	Lloyd's Register's Rules and Regulations for the Classification of Ships Lloyd's Register's Rules and Regulations for the Classification of Special Service Craft
<b>Ratings</b>	Models 400 to 3600 for shaft sizes from 3.5" to 36" (89 to 927mm) Models 400-R to 3600-R for rudder stock sizes from 3.5" to 36" (89 to 927mm)

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### Other Conditions

1. The periodical assessment to the quality system Production Quality Assurance (PQA) scheme is maintained and applied in accordance with LR Type Approval procedure.
2. The product is to be installed and tested in accordance with the manufacturer's recommendations.
3. The installation is to be carried out to the attending surveyor's satisfaction.
4. The propeller shaft seal is not to be used as the primary sea water seal.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** 17/00095(E1)

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form part of this Certificate.