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## Assessment of Production

Agreed Quality Plan  
for

MARISEAL 250

Agreement Certificate 17/5443

Document reference	17 5443 AQP 310717
Date of issue	31 July 2017
BBA Section responsible	Construction Products
BBA Project Manager	Richard May
Other products covered by BBA Certificates manufactured on this site:	None

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**Product name:** MARISEAL 250

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**Product range:**

MARISEAL 250 is a cold applied and cold curing, one component polyurethane membrane based on elastomeric hydrophobic resins. The polymer cures by reaction with ground and air moisture.

MARISEAL FABRIC is a 110 g·m<sup>-3</sup> is a non-woven polyester used to reinforce the systems.

MARISEAL 710 is a solvent based polyurethane for porous substrate preparation.

MARISEAL AQUA PRIMER is a water-based epoxy primer for porous and non-porous substrate preparation

**Production location:**

**Produced by:** Maris Polymers S.A

**Address:** Industrial Area of Inofita  
Inofita  
32011  
Greece

**Telephone:** 00 30 22620 32918-9

**Fax:** 00 30 22620 32040

**Contact:** Athena Maris (Mobile: 00306936549044)

**Title:** Finance Director

**E-mail:** athenamaris@marispolymers.gr

*Is the above production site covered by ISO 9001 Registration?* Yes

**If YES, Registration No:** 01 100 045987

**Assessed by (organisation):** TÜV

**Scope of assessment:**

Development and production of polyurethane Systems.

**Product identification and traceability:**

A unique batch number is produced by the software that manages the production of the factory. The numbering system follows each product from its production to dispatch. Examples are given below:

MarisSeal 250 (White)  
Batch: 17028905  
Date: 19/03/2017  
Code: X026-0000-0025  
25Kg

Marisseal 250 (Light Ivory)  
Batch:16025277  
Date:18/08/2016  
Code: FR26-0003-0006  
6Kg

MarisSeal 250 (Red)  
Batch:17028305  
Date:10/02/2017  
Code P026 - 0134-0025  
25Kg

MarisSeal Aquprimer  
Batch:17028902  
Date 17/03/2017

MarisSeal 710  
Batch:17028898  
Date 17/03/2017

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**Method of production and process control:**

The incoming raw materials are checked by the quality control and correctly stored.

Production is by mixing and reacting of the recipe components to a formulation.

All orders are entered into the manufacturing programme. The manufacturing date, batch number and manufacturing recipe are forwarded to production.

Samples are taken during and after the production in order to check against the required specifications.

If satisfactory, the products are transferred to storage for labelling, packaging and preparation for shipment.

**Note to Inspector** – Following initial audit, the client stated that they would provide a systematic way to track and identify changes to the batch recipe formulation, and provide a list of the current formulation dates/numbers. This has not yet been provided by factory.

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**In-process inspection and testing:**

All testing is in the 'Final inspection and testing' section of this Quality Plan.

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**Final inspection and testing:****Mariseal 250**

Property measured	Method used	Frequency	Acceptance limits	Action upon rejection
Visual Inspection	In House Testing	Constant	Good flow and levelling	If they are completely off spec they are destroyed. If slightly off spec they may be recycled.
Tack Free Time	In House Testing		8 – 18 hours	
Density	In house testing		1.38 – 1.42 g·cm <sup>-3</sup>	
Viscosity	ASTM D 4889		4 to 8 minutes	

**Mariseal 710**

Property measured	Method used	Frequency	Acceptance limits	Action upon rejection
Visual Inspection	In House Testing	Constant	Good flow and levelling	If they are completely off spec they are destroyed. If slightly off spec they may be recycled.
Tack Free Time	In House Testing		2 – 4 hours	
Density	In house testing		0.98 – 1.02 g·cm <sup>-3</sup>	
Viscosity	ASTM D 4889		5 to 20 seconds	

**Mariseal Aqua Primer Part A**

Property measured	Method used	Frequency	Acceptance limits	Action upon rejection
Visual Inspection	In House Testing	Constant	Good flow and levelling	If they are completely off spec they are destroyed. If slightly off spec they may be recycled.
Tack Free Time	In House Testing		40 – 70 minutes	
Density	In house testing		0.99 – 1.03 g·cm <sup>-3</sup>	
Viscosity	ASTM D 4889		4 to 8 minutes	

**Mariseal Aqua Primer Part B**

Property measured	Method used	Frequency	Acceptance limits	Action upon rejection
Visual Inspection	In House Testing	Constant	Good flow and levelling	If they are completely off spec they are destroyed. If slightly off spec they may be recycled.
Tack Free Time	In House Testing		40 – 70 minutes	
Density	In house testing		1.12 – 1.16 g·cm <sup>-3</sup>	
Viscosity	ASTM D 4889		1 to 3 minutes	

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**Calibration:**

The calibration procedures are referenced in QP11 of the ISO 9001 Manual. Once a year by an external partner and internally with pre weighed weights.

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**Packaging:**

Metal pails placed on pallets and wrapped by transparent film

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**Labelling:**

Sticker with batch number of the product name together with safety texts.

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**Use of the BBA symbol:**

This will be on the product labels and on our brochures.

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**Training:**

The training procedures are referenced in QP19 of the ISO 9001 Manual. Yearly evaluation of staff. Yearly training programme. Continuous training and staff assessment. CV accompanying their documentations

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**Complaints:**

The customer complaint procedures are referenced in QP20 of the ISO 9001 Manual. The paperwork that accompanies the customer complaints is filed and evaluated yearly by management.

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**Quality policy:** We undertake to have the product produced and placed on the market as described above.  
We will advise the BBA of any changes and receive agreement from the BBA before the changes are implemented.

Signed .....

Dated .....

Title .....

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End of Quality Plan

For BBA internal use only	
BBA Cert(s): 17/5443	Approved by: _____ Date: _____

**Appendix – Document Revisions**

Revision No	Reason for re-issue	Date