

**PRODUCT DESCRIPTION** A one component, odor and solvent free waterproof coating.

**INTENDED USES** A commercial marine and cruise industry coating designed specifically to coat, insulate and protect hot and cold piping and drains, foam insulation, HVAC Units, cooling towers, fan rooms, ducts, plenums, walls, ceilings and expansion joints. AQ200 is a primer and topcoat combination which is intended to be applied in one coat.

**PRODUCT INFORMATION**

<b>Part A (Color)</b>	913 - Grey
<b>Finish/Sheen</b>	Matte
<b>Part B (Curing Agent)</b>	None
<b>Volume Solids</b>	51% (ISO 3233:1998)
<b>Mix Ratio</b>	Not Applicable , This is a one component system
<b>Film Thickness</b>	General Protection: 16 wet mils. Waterproofing: 32 wet mils. Sagging will occur greater than 32 wet mils in a single coat.
<b>Theoretical Coverage</b>	9.3 m <sup>2</sup> /litre (100 Ft <sup>2</sup> /Gall) at 16 Mils wet , add 20% for loss volume.
<b>Method of Application</b>	Airless Spray, Brush, Roller
<b>Flash Point (Typical)</b>	>100°C

<b>Drying Information (32 WFT)</b>	10°C	15°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	no data	12 hrs	8 hrs	5 hrs
Hard Dry [ISO 9117-1:2009]	no data	24 hrs	18 hrs	12 hrs
Pot Life (Not Applicable)				

<b>Overcoated By</b>	<b>Substrate Temperature</b>							
	10°C		15°C		25°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
AQ200	no data	no data	24 hrs	infinite	18 hrs	infinite	10 hrs	infinite

**SURFACE PREPARATIONS**

Simply stated the steel surface must be:  
 Clean: No staining to white rag when rubbed across steel surface  
 Dry: No visible moisture on the steel surface  
 Tight: No loose material when a wire brush is pulled across the surface of the metal  
 For new build sweep blast entire tank to Sa1.0. For maintenance and repair hydro-blast or slurry blast to SSPC-SP2 or ST2 standard.  
 A surface profile of 50 - 100 microns is required.

**PERFORMANCE**

Water Absorption (%)	ASTM D471	10
Avg. Permeability (Perms)	ASTM D1653	22.21
Elongation (%)	ASTM D2370	1,078.51
Tear Resistance (lbf/in)	ASTM D624	135.91
Direct Impact (in lbs)	ASTM D2794	>150
Reverse Impact (in lbs)	ASTM D2794	>150
Salt Spray , blasted hot rolled (3,200 HRS @ 16 DFT)	ASTM B117	Blisters: None Rust: 6% Undercut: 2mm

### APPLICATION

**MIXING** Mix thoroughly with power agitator ensuring that foaming doesn't occur by introducing air. Ensure mixing equipment is clean and free from contaminants such as oils and greases.

**THINNER** 5% Water Maximum

**AIRLESS SPRAY** Recommended  
Tip Range 0.53-0.58 mm (21-23 thou)  
Total output fluid pressure at spray tip not less than 211 kg/cm<sup>2</sup> (3000 p.s.i.)  
Mixed material temperatures should be between 30-35°C (86 - 95F) for optimum spraying.

**CONVENTIONAL SPRAY** Application by conventional spray is not recommended.

**BRUSH** Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.

**ROLLER** Application by roller is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.

**CLEANER** Water

**WORK STOP / CLEANUP** Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with Cleaner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed material.  
Clean all equipment immediately after use with cleaner. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays. Do not exceed pot life limitations. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

### WELDING

**PACKAGING SIZE** 5 gallons pails, 50 gallon drums , 250 gallon totes

**UN SHIPPING** Non-hazardous , non-regulated

**SHELF LIFE** 36 Months

**LIMITATIONS** In-line heaters should not be used unless absolutely necessary. For maximum performance the curing temperature should be kept below 35°C. Particular care should be taken to avoid exceeding this in localized areas when artificial heating is introduced. The climatic conditions within the tank must be controlled to maintain a maximum relative humidity of 50%. The drying times and overcoating intervals may alter due to various on-site factors such as tank configuration and ventilation rates.

**IMPORTANT NOTE** *The information contained in this data sheet is to the best of our knowledge true and accurate; but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose.*

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