

Silicone Elastomer

PRODUCT DESCRIPTION A three pack, silicone elastomer tie coat with no added biocides.

INTENDED USES As a tie coat which forms an integral part of the Intersleek foul release system by promoting adhesion between the approved epoxy anti corrosive system and the Intersleek finish coat.

PRACTICAL INFORMATION FOR INTERSLEEK 737

Colour	Pink, Light Grey			
Gloss Level	Not Applicable			
Volume Solids	57% ± 2%			
Typical Thickness	100 microns (4 mils) dry equivalent to 175 microns (7 mils) wet			
Theoretical Coverage	5.70 m ² /litre at 100 microns d.f.t and stated volume solids 229 sq.ft/US gallon at 4 mils d.f.t and stated volume solids			
Practical Coverage	Allow appropriate loss factors			
Method of Application	Airless Spray, Brush, Roller			
Drying Time				
			Overcoating Interval with recommended topcoats	
Temperature	Touch Dry	Hard Dry	<i>Minimum</i>	<i>Maximum</i>
5°C (41°F)	5 hours	10 hours	22 hours	7 days
15°C (59°F)	3 hours	7 hours	18 hours	7 days
25°C (77°F)	2 hours	5 hours	12 hours	7 days
40°C (104°F)	45 minutes	2 hours	5 hours	7 days

REGULATORY DATA

Flash Point (Typical)	Part A 36°C (97°F); Part B 38°C (100°F); Part C 25°C (77°F); Mixed 28°C (82°F)		
Product Weight	1.20 kg/l (10.0 lb/gal)		
VOC	3.14 lb/gal (377 g/lt) 280 g/kg	EPA Method 24 EU Solvent Emissions Directive (Council Directive 1999/13/EC)	
See Product Characteristics section for further details			

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SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Steel Substrates

Intersleek 737 should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be dry and free from all contamination and Intersleek 737 must be applied within the overcoating intervals specified (consult the relevant product data sheet).

Areas of breakdown, damage etc., should be prepared to the specified standard (e.g. Sa2½ (ISO 8501-1:2007) or SSPC-SP10, Abrasive Blasting, or SSPC-SP11, Power Tool Cleaning) and patch primed with the full anti-corrosive system prior to the application of Intersleek 737.

APPLICATION

Mixing	Material is supplied in three containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified.			
	<ol style="list-style-type: none"> (1) Agitate Base (Part A) with a power agitator. (2) Agitate Curing Agent (Part B) with a power agitator. (3) Combine entire contents of Base (Part A), Curing Agent (Part B) and Part C and mix thoroughly with a power agitator. 			
Mix Ratio	4 part(s) : 5 part(s) : 1 part(s) by volume			
Working Pot Life	5°C (41°F) 140 minutes	15°C (59°F) 90 minutes	25°C (77°F) 60 minutes	40°C (104°F) 20 minutes
Airless Spray	Recommended	Tip Range 0.38-0.53 mm (15-21 thou) Total output fluid pressure at spray tip not less than 211 kg/cm ² (3000 p.s.i.)		
Brush	Suitable - small areas only			
Roller	Suitable - small areas only			
Thinner	International GTA007	Do not thin more than allowed by local environmental legislation		
Cleaner	International GTA822 or International GTA415			
Work Stoppages	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA822. 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 units.			
Clean Up	Clean all equipment immediately after use with International GTA822. 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.			
	All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.			

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PRODUCT CHARACTERISTICS

This product contains silicones which can cause problems with the surface finish and subsequent adhesion of other coatings if contaminated with Intersleek 737. Good housekeeping practices are essential and care should be taken to avoid overspray onto conventionally coated areas.

All equipment must be thoroughly cleaned prior to use, and before re-use with other materials, to prevent contamination.

Any liquids used to clean up Intersleek must not be allowed to contaminate other liquid paints or coated surfaces.

Intersleek 737 has a short pot life. It is important to minimise all delays and mix only sufficient material at one time to maintain the spray operation, in order to prevent the possibility of the material curing in the spray apparatus.

Maximum film build in one coat is best attained by airless spray. When applying by methods other than airless spray, the required film build is unlikely to be achieved. Application by air spray may require a multiple cross spray pattern to attain maximum film build. Low or high temperatures may require specific application techniques to achieve maximum film build.

When applying Intersleek 737 by brush or roller, it may be necessary to apply multiple coats to achieve the total specified system dry film thickness.

This product will not cure adequately below 5°C (41°F). For maximum performance ambient curing temperatures should be above 10°C (50°F).

Exposure to unacceptably low temperatures and/or high humidities during or immediately after application may result in incomplete cure and surface contamination that could jeopardise subsequent intercoat adhesion.

Over-application of Intersleek 737 will extend both the minimum overcoating periods and handling times, and may be detrimental to long term overcoating properties.

Note: VOC values are typical and are provided for guidance purpose only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances.

Low molecular weight reactive additives, which will form part of the film during normal ambient cure conditions, will also affect VOC values determined using EPA Method 24.

SYSTEMS COMPATIBILITY

Intersleek 737 forms part of the Intersleek foul release system. As such, Intersleek 737 must always be applied over an approved epoxy anti-corrosive scheme.

Approved anti corrosive schemes are:

Intershield 300

Intersleek 737 should only be topcoated with itself, or Intersleek 970

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ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at www.international-pc.com:

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
- Theoretical & Practical Coverage

Individual copies of these information sections are available upon request.

SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS) which International Protective Coatings has provided to its customers.

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

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.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

PACK SIZE	Unit Size	Part A		Part B		Part C	
		Vol	Pack	Vol	Pack	Vol	Pack
	10 litre	4 litre	10 litre	5 litre	5 litre	1 litre	1 litre
For availability of other pack sizes, contact International Protective Coatings.							
SHIPPING WEIGHT (TYPICAL)	Unit Size						
	10 litre	14.2 kg					
STORAGE	Shelf Life	12 months minimum at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.					

Important Note

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. 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. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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