

PIT PUTTY 300UW

Ceramic Epoxy Underwater Filler & Crack Repair Paste

PRODUCT DESCRIPTION Pit Putty 300 UW is a 100% solids Surface Tolerant and Wet Tolerant water displaceable Ceramic Epoxy putty for Underwater Metal/Concrete Repairs.

INTENDED USES This compound is applied and cured underwater to fill cracks, gaps and holes in steel and concrete. It can also be used on exposed substrates that are constantly wet and cannot be dried out like condensing lines.

PRODUCT INFORMATION	Part A (Color)	299A- Medium-Dark Grey
	Finish/Sheen	Gloss - 105GU
	Part B (Curing Agent)	299B
	Volume Solids Typical	100% (Wet mils = Dry mils) (ISO 3233:1998)
	Density	1.8 +/- 0.1
	Mix Ratio	3 Parts A to 1 Part B by Volume
	Film Thickness	Unlimited
	Method of Application	Spatula or trowel
	Flash Point (Typical)	Part A >100°C; Part B >100°C; Mixed >100°C

Drying Information	10°C	15°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	36 hrs	24 hrs	8 hrs	no data
Hard Dry [ISO 9117-1:2009]	7 days	5 days	24 hrs	no data
Pot Life	no data	90 mins	60 mins	45 mins

	Substrate Temperature							
	10°C		15°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Prime 200-MFor itself	Immediate	unlimited	Immediate	unlimited	Immediate	unlimited	Immediate	unlimited

SURFACE PREPARATIONS

Blast Clean to achieve minimum standard of cleanliness: ISO 8501 - 1 Sa2 , SSPC SP-6 , Swedish Standard Sa 2 SIS 05 5900 or UHP Hydroblasting (2000 - 2,500 bar) or Power Tool Cleaning to SSPC-SP-11. See Application Data Sheet for more information.

PERFORMANCE

Adhesion Pull Tests (Applied and cured in Seawater)	ASTM D4541
SSPC SP-6	1,601 PSI
SSPC SP-11	1,432 PSI

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APPLICATION

MIXING

Material is supplied in a Uni-Pak kits. 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.

(1) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with Spatula.

THINNER

Not recommended.

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.

WELDING

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.

PACKAGING SIZE

1 kg kits

UN SHIPPING

Non-hazardous , non-regulated (ECCN EAR99 , Tariff # 3208900000)

SHELF LIFE

36 Months

LIMITATIONS

At ambient temperatures below 25°C paint lines must be lagged. 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% at temperatures between 10-15°C, and a maximum relative humidity of 60% at temperatures of 16°C and above. 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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