

HIGH PERFORMANCE ABRASION RESISTANT PROTECTIVE COATINGS

PLASMET R, WR, T HTE AND EP1

The often specified Plasmet range of protective coatings from Corrocoat brings together a selection of durable materials formulated to provide high performance solutions developed to meet the demands of differing operational environments.

The range includes specially engineered abrasion-resistant options, available in differing grades, designed to meet abrasive operational challenges found in industry worldwide.

ROC

ORRO

PLASMET R

Plasmet R is a highly wear and abrasion resistant coating. It is sufficiently viscous for use as a filler for small holes and indentations, offering a combination of ease and speed of application which makes it the ideal choice for a wide range of maintenance applications. Providing both rapid curing properties– even at low temperatures– and excellent adhesion characteristics, Plasmet R is used primarily for the replacement of corroded or abraded metal and for patching concrete.

PLASMET R – a chemically resistant solvent free two pack epoxy repair and rebuilding compound.

Storage life:	A minimum of 1 year in unopened tins
Surface preparation:	Clean surface and roughen to provide a suitable key. For optimum performance, sand blast to SA2.5.
Application:	Putty knife, trowel, float or similar

PLASMET WR

Developed for use where abrasion resistance is a prime requirement, Plasmet WR works well in both immersed and non-immersed environments. The material exhibits particularly good properties against dry abrasion. Typical applications include coal bunkers, pulverised fuel lines and ash handling systems.

PLASMET WR - a chemically resistant solvent free two pack epoxy repair and rebuilding compound.

Storage life:	A minimum of 1 year in unopened tins
Surface preparation:	Clean surface and roughen to provide a suitable key. For optimum performance, sand blast to SA2.5.
Application:	Brush, trowel or float. Note. Special techniques are required for vertical application. Not suitable for overhead application.

PLASMET T

Designed primarily as a cosmetic topcoat for Plasmet R and WR, providing good gloss and chemical resistance, Plasmet T is a high solids epoxy coating loaded with silicon carbide to provide added abrasion resistance as well as limited machinability. Plasmet T can be machined and subsequently ground to a very smooth finish. It has been used successfully to repair scored shaft seal areas on both pumps and valves.

PLASMET T – a solvent free two pack surfacing material with good chemical resistance.

Storage life:	1 year minimum in unopened tins
Surface preparation:	For optimum performance, sand blast to SA2.5. Otherwise clean well and roughen to provide a suitable key.
Application:	Brush, trowel and special techniques

HTE

Capable of handling operation at higher temperatures than Plasmet R and Plasmet WR, HTE combines high levels of abrasion resistance with excellent levels of chemical resistance, providing a high temperature solution with advanced performance characteristics. Often used for the repair of pumps, valves, pipework and spool pieces used in areas of high abrasion, typical applications include the repair and protection of sewage pumps subject to damage from pumping solids and other contaminants. HTE has also achieved excellent results when used to provide the optimum combination of abrasion and chemical resistance as well as high temperature operation. Extremely aggressive environments serviced include sugar processing and paper pulping equipment.

HTE- a viscous, solvent free two or three pack aromatic amine epoxy compounded with stainless steel and glass platelets, heavily loaded with silicon carbide.

Storage life:	1 year minimum in unopened tins stored below 35°C
Surface preparation:	For optimum adhesion, gritblast to SA2.5. Otherwise roughen and score with grinding equipment to provide a suitable key.
Application:	Stiff brush, trowel, putty knife, pigging for long pipework.

EP1

Using the unique combination of resin technology and fillers which have proved so successful in the Plasmet abrasion-resistant product range, EP1 also incorporates a small percentage of solvent content designed to achieve significant improvements in application characteristics. Widely used to provide excellent levels of abrasion resistance in chemically aggressive operating environments, EP1 provides a high performance combination of resistance to abrasion, chemicals and extremes of temperature. Used extensively within the sugar industry and to repair pipework carrying slurry and aggregate, EP1 is particularly effective in immersed abrasive environments.

EP1 - a high solids, two pack aromatic amine cured epoxy compounded with stainless steel, glass platelets and silicon carbide.

Storage life:	1 year minimum in unopened tins stored below 35°C
Surface preparation:	Gritblast to SA2.5.
Application:	Trowel or short haired stiff brush. Pigging for long pipework.

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