

Metal Reclamation Putties – (MRP)

Glossary of Terms

1	Abrasion Resistance	Ability of an adhesive to resist degradation due to mechanical wear.
2	Adhesion	Adhesion between surfaces in which the adhesive holds the parts together by interlocking action
3	Cold Welding	Cold welding is the process in which the epoxy metal repair compound producing physio-chemical bonding to the substrate without any external heat source.
4	Compressive strength	The maximum compression a material can withstand without failure. (or) The maximum compressive stress a material is capable of developing. With a brittle material that fails in compression by fracturing, the compressive strength has a definite value
5	Corrosion Resistance	The ability to resist chemical changes. Chemically resistant materials do not react with abrasives or their bonds.
6	Degrease	Removal of fat, grease, or oil from a surface, generally through the use of hot water, steam, alkaline cleaners, or organic solvent
7	Erosion	Is a natural process. Rain or wind detaches a soil particle and provides energy to move the particle.
8	Feather-edge	A fine edge produced by tapering a board, plank, or other object.
9	Impact Strength	Energy required to fracture a specimen subjected to shock loading
10	Oxidation	Oxidation is the loss of electrons during a reaction by a molecule, atom or ion.
11	Salt spray test	An accelerated corrosion test in which specimens are exposed to a fine mist of a solution usually containing sodium chloride, but sometimes modified with other chemicals.
12	Shrinkage	slight dimensional reduction brought about by the reduction in volume of the cast or molded material as it cools and solidifies
13	VOC	Volatile organic compounds
14	Wear Resistance	The ability of a metal to resist the gradual wearing away caused by abrasion and friction.