

## REPAIR OF PLASMET AR3 LINING

Where mechanical damage has occurred to the PLASMET AR3 lining, this can readily be repaired providing the product has not been in service or, where the product has been in service, it is not contaminated or degraded due to chemical attack. Repair method is as follows:

Where exposed steel is evident this should only be repaired with grit blasting using suitable blasting equipment.

It is advisable to treat repairs in the following manner:-

1. Decontaminate surrounding area using a suitable solvent such as methylated spirit, acetone, xylene etc., or alternatively by using a proprietary cleaner which is water soluble such as gunk.

After washing clean, allow solvent to evaporate or wash away proprietary cleaner with water and mop dry with clean lint-free cloth.

2. Grit blast exposed metal to Swedish Standard SA 2.5 and further roughen surface of existing coating for 100mm out from the damaged edge. Vacuum away residues and ensure the whole area is clean.
3. Apply a thin coat PLASMET AR3 to the surface of the exposed metal only, taking care not to cover more than a few millimetres of the existing coating. Allow this freshly applied PLASMET AR3 to become tack-free.
4. Apply at least two separate coats of PLASMET AR3 over the treated area, taking care not to brush on to any contaminated areas. Do not brush coating on to any unblasted surface. A 10mm area of lightly blasted coating should be left around the repair area. The PLASMET AR3 should be allowed to harden sufficiently to bear the weight of the next coat before application of further coats.

However, it does not need to be tack-free between coats.

The thickness of the coating should be in accordance with same thickness of the original coating. Where this technique is used to allow the coating to be applied in areas within a tank. E.g. top and bottom of a process vessels. DFT's in the overlap may be up to 100% higher in local areas, due to this methodology. Spark test the repaired area to ensure integrity and repair any defects found. It should be borne in mind that a full cure will be required before putting the product into service. A post cure is mandatory on this product for constant immersion.