

TECHNICAL SPECIFICATION

Bio-Seal 390LM

Stork delivers a range of flexible, efficient and cost-effective Composite Repair solutions.

Bio-Seal 390LM is an epoxy resin with elastomeric properties. It is a solvent-free, chemically resistant void filler which creates a permanently flexible, corrosion resistant seal.

Bio-Seal 390LM is suitable for application over steel, primed or painted moisture contaminated steel or concrete. It is also recommended for exposure to aromatic and aliphatic hydrocarbons, mineral acids, esters and alcohols, except methanol.

Benefits:

- Formulated without the use of volatile solvents, making it a safe solution
- Primer is not required. The tensile adhesion on an unprepared surface is approximately 1000psi
- Mixing the product is simple – it requires a 1:1 ratio by volume
- Induction time is not required. Bio-Seal 390LM can be poured or pumped immediately after mixing
- Remains elastomeric and has a high hysteresis to absorb energy from sudden impact or shocks
- Completely displaces water, so it can be used on wet or damp surfaces
- Absolutely no foaming when mixing or pouring
- Very high adhesion capability; tensile adhesion of more than 2000psi if surface is prepared and cleaned
- Mixed product density of 1.03 grams/ml
- Will not crack – elongation of approximately 100% at 26 Deg C
- Zero shrinkage after cure; will remain bonded to all surfaces and ensure no voids are created
- Not adversely affected by sustained high temperatures (72+ Deg C). It will not separate or run
- Eliminates CUI – offers complete isolation from the elements

