

EC-1000 : : Elastic Concrete



The pictures above clearly show how flexible NanoCoat's EC-1000 is. EC is not made from latex therefore it endures UV, heat and does not easily crack.

Its special feature is the ability to bond two materials together which is impossible with conventional coating. Concrete & Steel as well as concrete & PVC is easily bonded by using EC.

Introduction / Main features

- Powerful elastomeric concrete suitable for all permanent concrete repairs, waterproofing & moisture barrier
- Water based active chemical to alkaline. Produces a chain of chemical effect when it comes across to alkaline material inside cement mixture
- Hardness can also be adjusted depending on the amount of cement powder in the mixture
- Degree of elasticity can be controlled by the quantity of EC-1000 at mixing
- Rubber like flexibility but EC-1000 is not rubber therefore resistance to UV
- Rubber like and flexibility system, easily expand and shrink
- The finished surface can be tinted to any color or pattern or modified to a highly non slippery surface by combining with different grades of non-slip grit / sand
- Best choices for bonding application to join two different materials, such as concrete and metal, or concrete and plastic. Example : PVC pipe to concrete, steel pipe to concrete, etc
- Achieves most bonding objectives with one simple application
- EC can last for more than 5 years
- Nano size particle - deeper penetration, better bonding, better protection
- Water based product - easy cleaning, less odor, non-flammable, quick dry, environmentally safe

Application

Highly suitable for flooring, wall, crack, bathroom floor, grouting, pool wall, water tank, basement floor, window seals, vibrating system, concrete surface patching, repair or restoration, etc

Coverage

Coverage rates will vary depending on substrate conditions and surface porosity. Approximate coverage area is 3-5m² / coat per 5kg pail

Statement:

This brochure is based on our testing and experience and can be used as a construction guideline. Given the fact that many factors can affect the end result, we are only responsible for the quality of the product. As the technological progressing, we reserve the right to modify this specification without notice.

