



single component, cementitious based, active protective primer for reinforcement steel and adhesive bonding slurry

Emaco® NanoCrete AP has been developed over many years to provide the highest degree of active protection to the reinforcing steel. It meets all major national and international norms for steel priming in concrete repair situations.

Performance Criteria

- reinstates a high pH environment to actively passivate the steel
- contains active corrosion inhibitors to further protect steel
- does not affect pull out strength of reinforced steel
- polymer modified for additional adhesive bond strength
- can also be used as high strength bonding slurry for Emaco® repair mortars
- ensures adhesive bond strengths as required by EN 1504 pt 3 are met
- bright colour for easy site control



Practical Benefits for the Contractor

- fast setting to reduce waiting times and reduce costs on job site
 - second coat can be applied after only 90 minutes
 - hand applied repairs can be completed directly in wet second coat
- single component; simply mix with water to correct consistency
- handy re-sealable packaging can also be used for mixing



Emaco® NanoCrete AP is used:

- when available concrete cover is less than 10mm*
 - to aid bond and application properties of hand applied mortars in extreme thicknesses and conditions*
 - in critical environments or when specified by the Engineer
 - with Emaco® NanoCrete R2 repairs when rebars are visible
- * NB Emaco® NanoCrete AP is not normally required with Emaco® NanoCrete R4