

To whom it may concern

Polyurethane waterproofing resins and CE-marking according to EN1504-5

Concrete injection resins are regulated in the harmonised European standard EN1504-5. In this standard 3 principles of injection resins are considered:

- Principle F as “force transmitting resins” for structural injections. Product in this principle are mostly epoxies
- Principle S as “swelling resins” or resins with a post-expansion in contact with water. Products in this principle are acrylate injection resins.
- Principle D for ‘ductile resins” or resins with a minimal elasticity of 10 %. Products in this principle are mostly polyurethane resins.

According to the harmonised European standard, polyurethane waterproofing resins are subjected to the clauses and stipulations under Principle D for ductile filling.

Under this principle, only flexible and ductile resins for crack and joint waterproofing are considered.

The standard clearly states the following field of application is not considered

“- preliminary injection works, if necessary, to temporarily stop water passage during waterproofing injection.” End of quote EN1504-5:2004(E) page 6.

Rigid or semi-flexible water cutters with an elasticity less than 10% such as HA Cut AF, HA Cut CFL AF, Deneblock UF and Rockstab WX are therefore considered pre-injection resins to stop the large inflow of water to allow a final solution to be implemented.

Considering this point of the standard, HA Cut AF, HA Cut CFL AF, Deneblock UF and Rockstab WX do not require a CE-marking.