

CarboCrackSeal NV and H plus CarboStop U

The system according to ZTV-ING
Registered in German BASt-List



Solutions from Materials Technology



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Application of CarboCrackSeal NV



CarboCrackSeal NV is a very low viscosity dual component polyurethane resin used for extended sealing of fissures and filling of cavities in concrete structures, natural stone, building construction, canals, tunnelling and bridge work.

The resin has an excellent adherence to dry and wet concrete surfaces. In case of water intrusions which can not initially be stopped with CarboCrackSeal

NV, the fast foaming SPUR injection resin CarboStop U can be used to stop the water flow. CarboCrackSeal NV is solvent-free and reacts even in low moisture conditions to a form a highly elasticised resin.

Benefits of CarboCrackSeal NV

- ☑ Solvent-free
- ☑ Very low viscosity
- ☑ Good penetration and high adhesive strength
- ☑ High elongation at break

CarboStop U, which is also solvent free, foams up strongly in contact with water and reacts to form an open-cell foam. Without counter pressure, e.g. outside cracks, a foaming factor of 30 to 50 times is possible.

CarboCrackSeal NV is applied by a single component process. Two high performance injection pumps (CT-ET I and WIWA HD 1) are available for applying.

Test reports and certificates in water hygiene and adhesive tensile strength are available for CarboCrackSeal NV and CarboStop U. For further technical details and application instructions please refer to the Technical Data Sheets and Safety Data Sheets.





Application of CarboCrackSeal H



Benefits of CarboCrackSeal H

- ▼ Solvent-free
- ▼ Low viscosity
- ▼ Good penetration and high adhesive strength
- ▼ High elongation at break
- ▼ Approved according to German ZTV-ING and registered in BAST-List
- ▼ Approval for the construction industry

CarboCrackSeal H is a low viscosity dual component polyurethane resin used for extended sealing of fissures and sealed filling of cavities in concrete structures, natural stone, building construction, canals, tunnelling and bridge work. In case of water intrusions which can not initially be stopped with CarboCrackSeal H, a temporary pre-injection with the immediately foaming injection resin CarboStop U is needed to stop water flow.



CarboCrackSeal H and CarboStop U are a proven system according to German ZTV-ING and registered in the German BAST-list. CarboCrackSeal H is solvent-free and reacts even with humidity to form an elasticised resin. CarboStop U is also solvent-free and foams up strongly in contact with water and reacts to form a closed cell foam. Without counter pressure, e.g. outside cracks, a foaming factor of up to 30 to 50 times is possible.

CarboCrackSeal H can be applied by a one or two component process. Two high performance injection pumps (CT-ET I and CT-EL 5-II) are available for the application of the product.

Test reports and certificates for the construction industry, basic trial according to ZTV-ING, water hygiene and compatibility with foils for tunnelling are available too. The technical details and processing instructions please find in the Technical Data Sheets and Safety Data Sheets.



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