IESG SOLUTIONS

January, 2025

Application Manual

2100 Aquastop

INNOVATIVE SOLUTIONS | SUPERIOR COATINGS | ENDURING PROTECTION

2100 Aquastop

Description:
2100 Aquastop is used in combination with a quick drying cement and a backing, to seal pipe- or cable ducts.

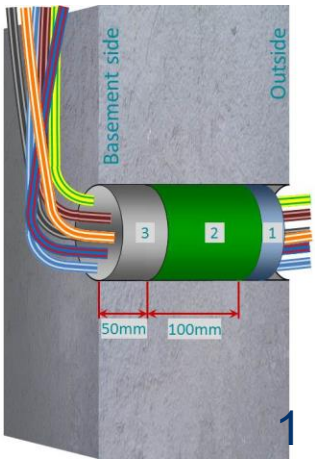
Used for:
Sealing of pipe- or cable-through-wall penetrations

Dimensions:
0,53kg (1.17 lbs) cartridges
2kg (4.41 lbs) sausages

Temperature ranges:
-20 [-4°F] to 35°C [95°F]

2100 Aquastop Application

Training Videos: https://www.youtube.com/@IESGSolutions/videos



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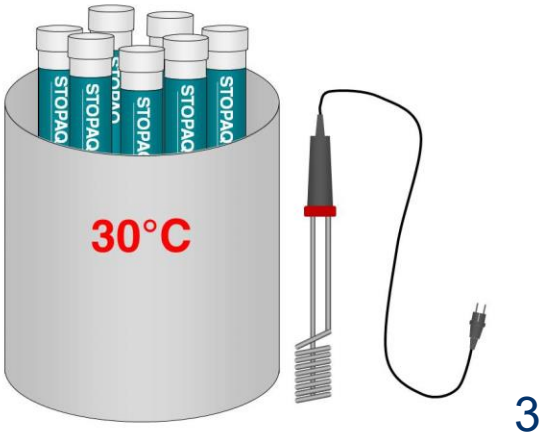
The complete system:

1. Barrier
2. 2100 Aquastop, 100mm
3. Quick drying cement, 50mm

2

The sealing system can be applied while the duct is leaking.



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Preheat the 2100 Aquastop to a temperature 30°C. A bucket of water and a heating coil can be used.

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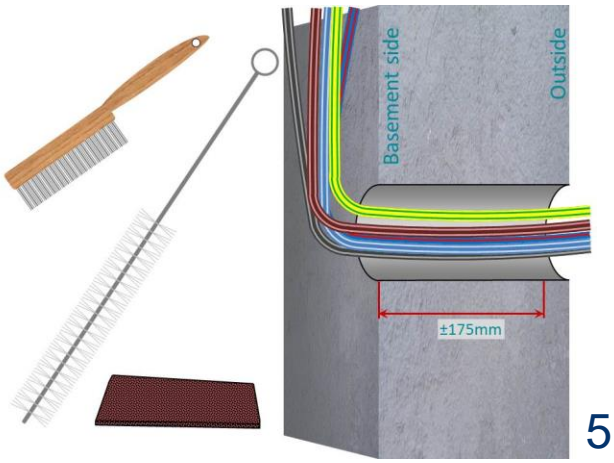
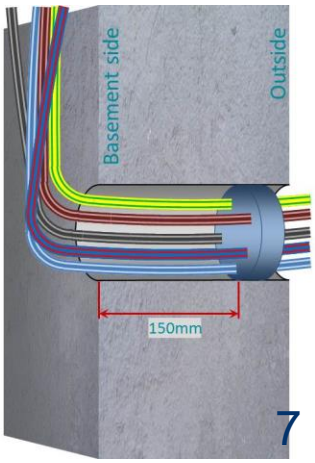


5

Clean the duct with a brush, cleaning pad or similar equipment. Total length approx. 175mm. Rinse with clean water is allowed as 2100 Aquastop can be applied on a wet surface.

6

Adhesion can be improved when cables and duct are pre-applied with 2100 Aquastop.



Insert barrier at a depth of 150mm into the duct.

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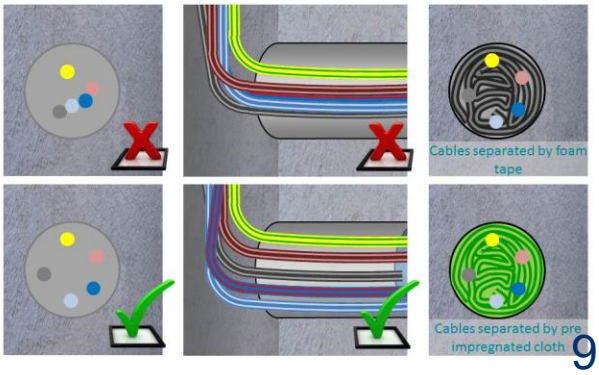

Separate the cables from each other.

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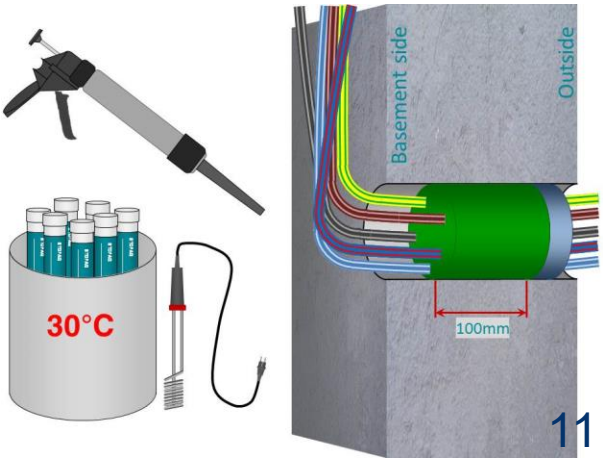
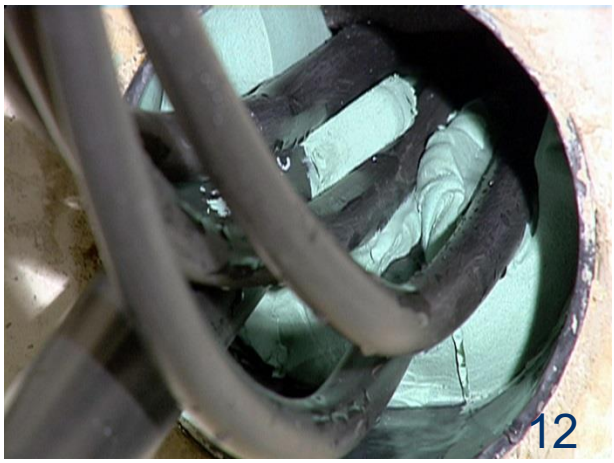


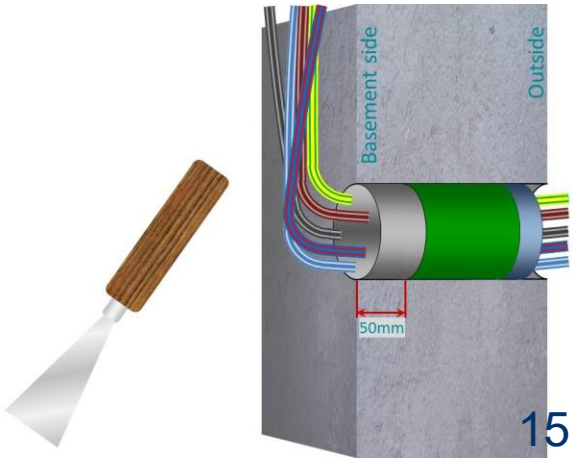
Apply 100mm of 2100 Aquastop and avoid air inclusions. Work from inside out to prevent air-inclusions.



Lift the cables and apply the 2100 Aquastop with a suitable injection tool around the cables.

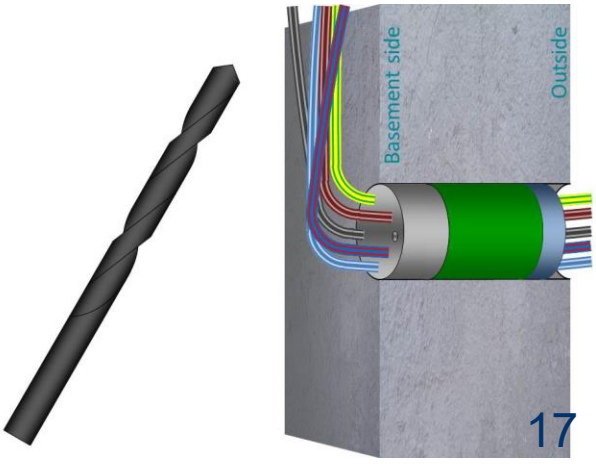
Prepare quick drying cement to a mouldable mass.
Mixing ratio: 1 kg quick drying cement
and 0,15 litres of water

Quick drying cement is used as a barrier on the outside of the duct.

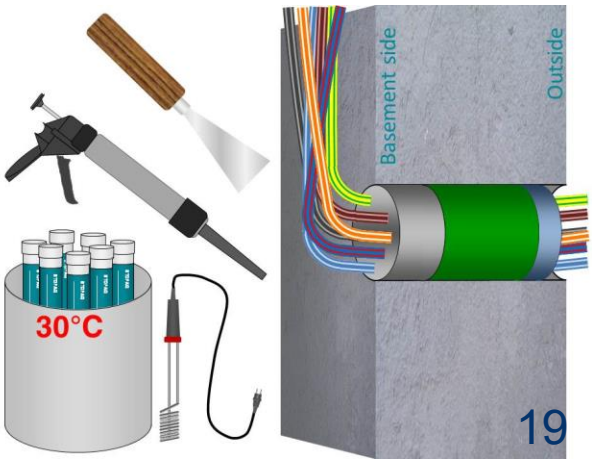


Clean the remaining 50mm of the duct from any 2100 Aquastop prior to the installation of quick drying cement. Apply quick drying cement in the remaining 50mm of the duct.

Start at the bottom between the cables.

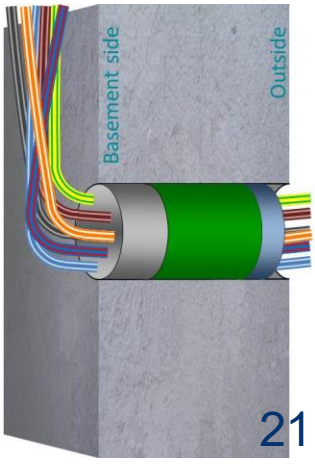


If an extra cable has to be fitted into the duct, drill a hole with a diameter that is larger than the cable.



Insert the cable and apply 2100 Aquastop, quick drying cement and smoothen the surface with a putty knife.

A cable can be removed from the duct with the same procedure. Remove the cable → Apply 2100 Aquastop and quick drying cement.



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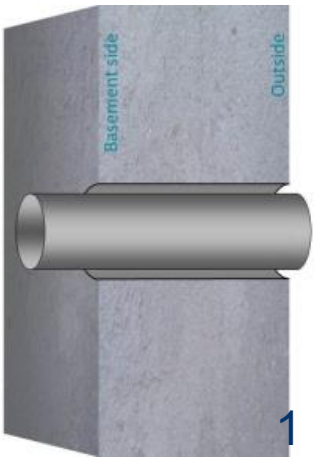
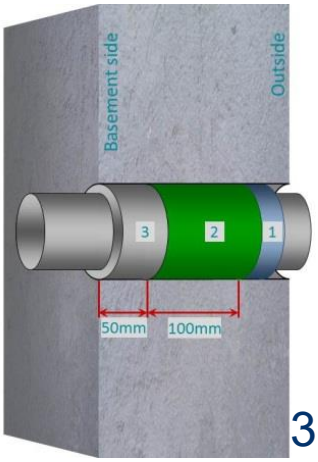


Duct to be sealed with a barrier, 2100 Aquastop and quick drying cement.

The sealing system can be applied while the duct is leaking.



The complete system:

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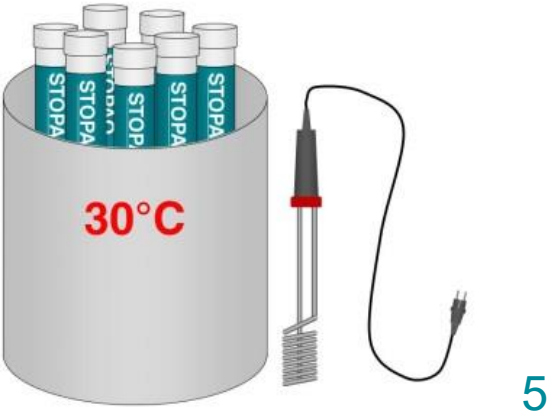
2. 2100 Aquastop, 100mm
3. Quick drying cement, 50mm

Quick drying cement is used as a barrier on the outside of the duct.



Preheat the 2100 Aquastop up to a temperature 30°C. A bucket of water and a water heating coil can be used.

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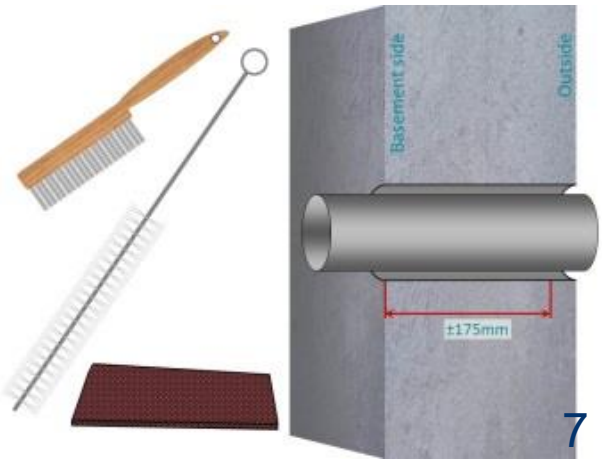
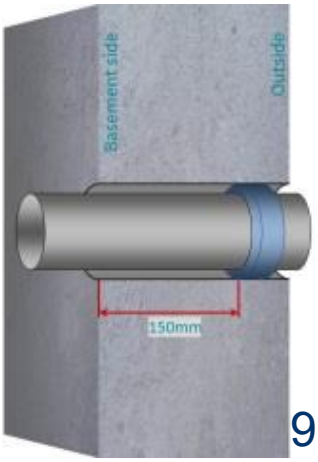


Clean the duct with a brush, cleaning pad or similar equipment. Total length approx. 175mm. Rinse with clean water is allowed as 2100 Aquastop can be applied on a wet surface.

Adhesion can be improved when pipe and duct are pre-applied with 2100 Aquastop.



Insert barrier, at a depth of 150mm into the duct.

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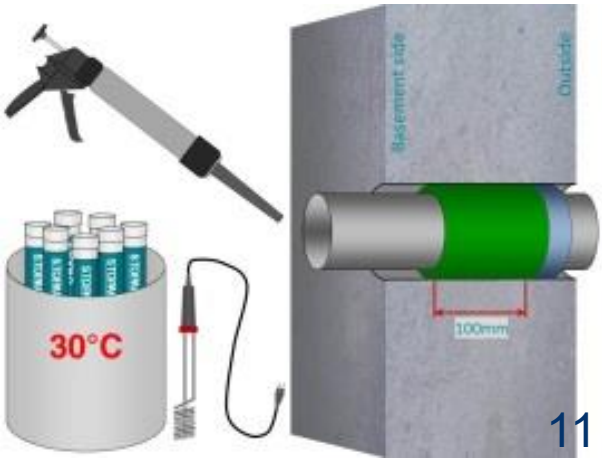

Apply 100mm of 2100 Aquastop and avoid air inclusions. Work from inside out to prevent air-inclusions.

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Prepare quick drying cement to a mouldable mass.

Mixing ratio: 1 kg quick drying cement and 0,15 litres of water

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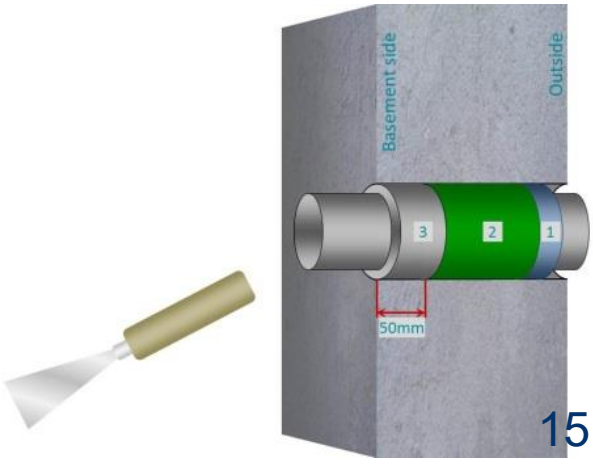

Clean the remaining 50mm of the duct from any 2100 Aquastop prior to the installation of quick drying cement. Apply quick drying cement in the remaining 50mm of the duct.

Smoothen the surface of the quick drying cement by using a putty knife and a small amount of water.

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