

INSTALLATION INSTRUCTIONS

Installation instruction video's
available for the RISE Duct and
NOFIRNO systems on our website



SLIPSIL WATERSTOP

For use with RISE Duct & NOFIRNO Sealing Systems in running water applications

CSD Sealing Systems

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Tel: 01670 739970

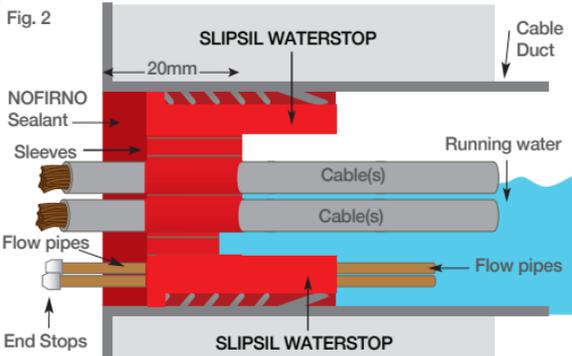
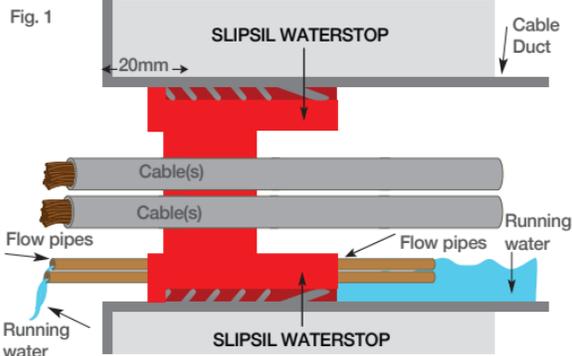
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**SAFETY.
RELIABILITY.
INGENUITY.**

INSTALLATION INSTRUCTIONS



TOOLS REQUIRED:

- Wooden depth gauge (marked at 80mm)
- Dead blow hammer (16oz)

**Duct Size
(Internal
diameter)**

**SLIPSIL
Waterstop**

99mm to
101mm

100/WS

149mm to
151mm

150/WS

Other sizes are available,
please consult CSD with
your requirement.

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1. Ensure the duct is clear, remove any debris that may interfere with the installation of the SLIPSIL Waterstop and the RISE Duct Seal system. Check the dimension of the duct or entry and select the correctly fitting SLIPSIL Waterstop. SLIPSIL Waterstop also suitable in ducts with cables running through.



2. Position the bottom half of the Waterstop containing the flow pipes into the bottom of the cable ducts.



3. Position the top of the Waterstop into the top of the cable duct. Slowly push the Waterstop in to the cable duct. Water should start to be directed through the flow pipes.



4. Use a dead blow mallet and a wooden section to help insert the Waterstop into the cable duct. Ensure this is inserted evenly.



5. The Waterstop should be inserted in to the cable duct to a minimum depth of 20mm. Marking your wooden section at 20mm will help.



6. Check the depth is at the minimum 20mm requirement. This is needed for application of the RISE Duct Seal system and the 20mm layer of NOFIRNO sealant required.



7. Ensure the water does not breach the Waterstop and is directed down the flow pipes. If the water breaches, stop the installation and consult CSD to discuss.



8. Use a cellulose sponge to completely dry the duct ready for installation of the RISE or NOFIRNO system. Consult the specific installation instructions depending on the system selected.



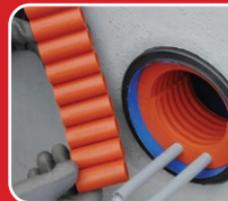
9. Use an approved degreaser wipe to ensure all dirt, dust or oil residue is removed.



10. The duct and any cable must be cleaned before application of the sealant.



11. Take a further check to make sure the Waterstop has not been breached and the duct is completely dry.



12. Use the RISE insert sleeves, NOFIRNO multi sleeves to pack the free space in the cable duct. In this application we have selected the NOFIRNO system with NOFIRNO multi sleeves and NOFIRNO sealant.

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13. Tightly pack the free space with the NOFIRNO filler sleeves. Ensure that a sleeve is placed around each cable. (Please refer to the standard installation instructions for details of sleeving and separating any cables).



14. Take a final check to make sure the duct is still clean and dry. Use the cellulose sponge to dry any water and we recommend using an approved degreaser wipe to make a final clean.



15. Use the high ratio caulking gun to apply the sealant layer in the usual way.



16. Ensure sufficient sealant is applied. A slight overfill is required.



17. Use a damp cellulose sponge to press down the sealant in the usual way. Ensure the sealant makes good contact with the duct wall, any cables and the two flow pipes.



18. Using wet nitrile gloves use a fast skimming motion to smooth the sealant layer by hand.



19. The seal is now complete. The waterflow pipes will ensure that any water does not build up behind the seal before the sealant layer is fully cured.



20. When the sealant layer is fully cured, (generally the sealant will cure at a rate of 1 to 2mm per day), place the push fit end caps on to the SLIPSIL Waterstop.



Once the sealant is cured a push fit tap can also be used if preferred.