

**INSTRUCTIONS FOR USE****HSS 50 HS<sup>TM</sup>****APPLICATION**

The Premier HSS 50 HS<sup>TM</sup> Heat Shrink Sleeve with indicator and separate closure patch is a warm applied shrinkable wrap-around sleeve. It meets the requirements of stress class C for continuous operating temperatures up to 50 °C according to DIN EN 12 068 and DIN 30 672. It is used for the protection of previously installed socket and spigot joints and can be applied on-site. After surface preparation of the area to be wrapped to ISO 8501-1 St2-St3, the use of a primer is not necessary.

The surface of the steel and adjacent coating shall be free from grease, oil, and dust. If solvent cleaning is required this shall be carried out according to Steel Structure Painting Council SSPC SP 1 using approved solvent, emulsion or cleaning compound.

**REQUIRED MATERIALS AND EQUIPMENT**

- Premier HSS 50 HS<sup>TM</sup> Heat Shrink Sleeve
- Closure patch
- Wire brush
- Propane torch
- Working gloves
- Brush
- Rasp with semicircular blade



Preheat the pipe to remove moisture, if necessary.

A triangle-shaped fillet of Premier Joint Moulding Putty may be applied circumferentially around the pipe to smooth the profile of the joint at the step between the spigot and socket.



Clean the pipe surface thoroughly to very thoroughly (St 2 - St 3) with a hand wire brush. Remove rust, dirt and other residues.



Remove approx 300 mm of the release film from the whole width of the mitred end of the sleeve.



Warm the butyl rubber using the Propane torch.



Press the sleeve into place at the 10-or 2-o'clock position in axial direction, overlapping the socket joining evenly on both sides.



Remove protective film completely, wrap the sleeve around the pipe, heat the inside of the end of the sleeve and close it with overlap..

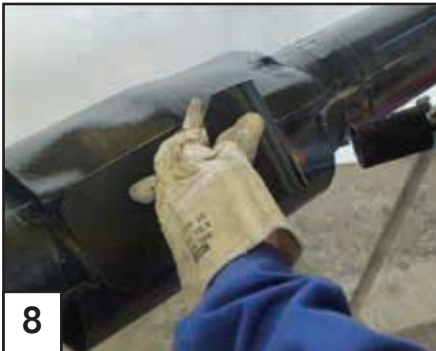


Warm the area where the closure patch will be applied.

# INSTRUCTIONS FOR USE



## HSS 50 HS™



**8**  
Position the closing patch over the exposed edge of the sleeve. Warm up first one side and press it on.



**9**  
Apply the same procedure for the other side of the closing patch.



**10**  
Beginning below, warm the shrinkable sleeve in the middle, moving the torch in a circumferential direction with blue-yellow flame. Next, shrink the spigot side using the same motions. Finally, shrink the socket side. Ensure even shrinkage.



**11**  
Press the sleeve while warm to ensure full contact with the pipe. The shrinking procedure is finished when the sleeve fits tightly and the thermo-indicator is no longer tangible.



**12**  
Beginning from the center again, lead the flame to the closing strip in circumferential direction, while shrinking the spigot end.



**13**  
When sufficient temperature is reached, the texture on the sleeve will become smooth. The shrinking procedure is finished when the sleeve is tightly fitting everywhere and appears smooth.

### HEALTH & SAFETY

These application instructions do not constitute a risk assessment. We recommend that installation is carried out with due regard to Health and Safety and in accordance with relevant local statutes and regulations. Safety Data Sheets are available on request.

### DISPOSAL

Please minimise or avoid waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

### STORAGE

- Store correct way up in original packaging.
- Store away from heat and open flames.
- Do not store in direct sunlight.
- Store in a ventilated area.
- Temperatures should be 5°C and 35°C.
- Do not stack pallets.

**IMPORTANT:** Winn & Coales (Denso) Ltd pursue a policy to develop and continually improve all of our products and therefore information given in these instructions for use is intended as a general guide and does not constitute a warranty, specification or risk assessment. Instructions for use are intended to provide sufficiently detailed information to achieve successful installation in normal circumstances. These guidelines may not cover all circumstances; however, our sales personnel are committed to assisting the user in establishing the suitability of the product for its intended purpose and additional specific information, advice and training (including Safety Data Sheets) is available. It is strongly recommended that installation is conducted with due regard to Health and Safety using a safe system of work, including risk assessments and method statements, in accordance with relevant local statutes and regulations. Equipment used for installation must be suitable for the intended use, maintained in a safe condition, inspected for signs of deterioration, and used by competent personnel. Any conflict between these guidelines and the specific project specifications must be resolved by the user before work commences. All rights reserved.



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