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NClad Jacketing Installation Guideline

Foil film facing for exterior and interior application

Surface Preparation

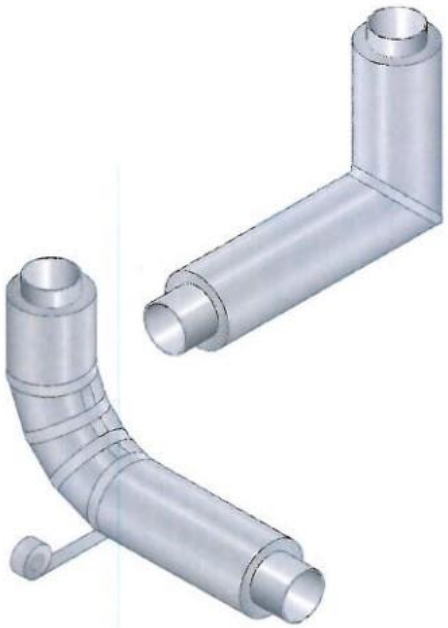
Ensure that all surfaces are dry, free from dust, oil, grease and silicone, etc. All insulation should be taped securely, giving an even surface for the installation of the NClad. NClad will work best when firmly wetted out to the substrate surfaces.

When applying NClad, partly peel back and crease the liner so enough adhesive is available to attach the NClad in the correct position. Then with a spreader applicator, progressively remove the liner while smoothing out the NClad, ensuring air bubbles are removed until the entire NClad has been installed to the substrate.

When applying NClad onto a continuous surface until it meets itself, a 75mm overlap is recommended to give a strong, weatherproof seal. Plan the NClad so that the edge of sealing flap faces down.

Application to Pipe or Circular Duct

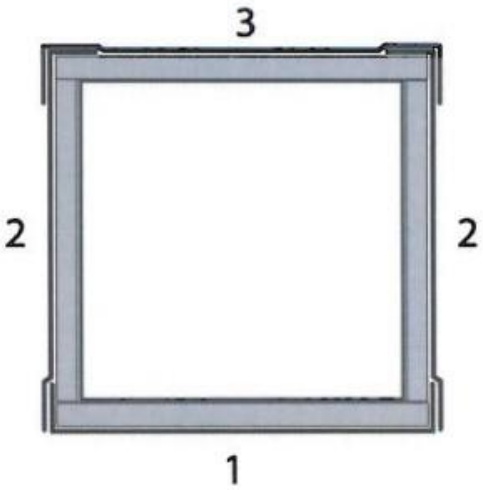
For straight pipe, cut NClad to the required length to suit the pipe work (pipe circumference plus additional overlap of 75mm). Apply the next piece of NClad, allowing for 75mm overlap onto the previous installed piece of NClad. For bend and elbows, precover the pipe insulation with NClad then cut out the required shapes to cover the segments of the bends and elbows and apply NClad, allowing for a 75mm overlap on all joins.



Application to Rectangular Ductwork

For Ductwork above 80cm wide, it is recommended that the top be crowned/pitched to allow water run-off and to prevent pooling.

For fast, easy application, NClad should be applied to each of the sides separately, starting with the bottom surface, then the sides and finish with the top. Pre-cut the NClad to the required size of Ductwork, plus allowing an additional overlap of 75mm for each adjoining surface.



When applying to rectangular ductwork, apply to the bottom surface first bringing the 75mm overlap up onto sides. Next, apply NClad to the vertical surface. Finally, apply NClad to the top of the duct, bringing the 75mm overlap down onto each side of the vertical surface.

***Notes**

For installations using NClad, all seams must be taped using NClad tape 72mm width. All underlying foil faced insulation products must be sealed and taped securely using PPC 939.

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