

Dubai Central Laboratory standard DM-DCLD-RD-DP21-2185 (IC) states the “Specific Rules for Factory Assessment Certification of Pipe and Duct Insulation” as per Al Sa’fat – Dubai Green Building System. Similarly, “Manual of Green Building Materials, Products & Their Testing Facilities” provides information on testing facilities available for the products and information on DM / DCL approved manufacturers and suppliers. Ducts that are pre-insulated (fig. 502.11(2)) in factories must also meet DM / DCL requirements and the requirements stated in this regulation.

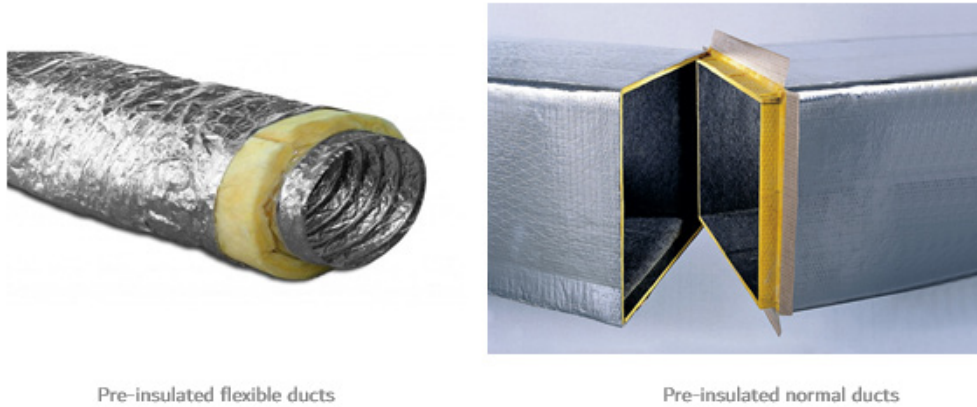


Fig. 502.11(2): Sample Pre-Insulated Ducts

COMPLIANCE DOCUMENTATION

Table 502.11(3): Documents Required

Project Stages	Submittal Documents
Design Permit Application	1. DM BLDG Al Sa'fat declaration.
Construction Completion Application	1. Technical data sheet of pipe and duct insulations confirming the compliance of all the requirements. 2. Delivery notes of insulation materials.
After Completion	Not applicable.

REFERENCES AND ADDITIONAL INFORMATION

British Standards Institution. (2009). BS 5422: Method for specifying thermal insulating materials for pipes, tanks, vessels, ductwork and equipment operating within the temperature range -40°C to +700°C.

Dubai Central Laboratory Department. (2019). DM-DCLD-RD-DP21-2185 (IC) details Specific Rules for Factory Assessment Certification of Pipe and Duct Insulation as per Al Sa’fat Dubai Green Building System.

Dubai Central Laboratory Department. (2018). Manual of Green Building Materials, Products & Their Testing Facilities from Dubai Central Laboratory Department, 23/07/2018 Edition (5).