



X.XX FIRE-RATED GREASE DUCT AND 1 OR 2-HOUR VENTILATION AIR DUCTWORK

- .1 Commercial kitchen grease ductwork or 1 and 2-hour emergency ventilation air ductwork shall be fire-rated using one layer of 64mm thick, 'Bio-Soluble' fully foil encapsulated, EWC Quickwrap™ ONE Duct Wrap Insulation. The wrap material shall be applied directly onto the ductwork strictly in accordance with the manufacturer's instructions and WH Listing, Design No. EWC/FRD-PHV/120-01, 'Fire Resistant Ducts'. Tested to ULC Standard for Internal Grease Duct Testing and ISO standard 6944 as a gypsum shaft alternative per NFPA-96 guidelines.
- .2 The use of this system eliminates the requirement for a fire-rated gypsum board shaft wall or masonry enclosure.
- .3 All seaming of Quickwrap™ ONE Duct Wrap Insulation shall be installed with a 1" compression on each side of the wrap (in all seam directions) using the 'double-banding' method indicated in FRD listing details. The Quickwrap™ ONE shall then be banded using 13mm wide stainless steel banding located within 1-1/2" of the circumferential seams and spaced a maximum of 9-1/2" apart.
- .4 Fire stopping shall be installed per ULC-S115-M standard per WH/ITS Listing EWC-PHV/120-01. All hangers support rods, concrete anchors and insulation pinning shall be installed to the WH 'FRD' Listing and manufacturers instructions.
- .5 Any gaps in the insulation seams of 1/4" or less are to be sealed using 1/2" depth of Quickstop Sealant.
- .6 All installations of Quickwrap™ ONE Duct Wrap Insulation shall be reviewed with the manufacturer prior to application and at relevant inspection times during and following installation.

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