

TECHNICAL DATA SHEET PRE INSULATED DUCTING SYSTEM

MAIN COMPONENTS:

- PRE INSULATED "SANDWICH" PANEL – POLYISOCIANURATE AND ALUMINIUM FOIL BOTH SIDES
- WATER BASED SILICON SEALANT
- CONTACT GLUE
- PVC AND ALUMINIUM PROFILES FOR JOINT AND ACCESORIES INSTALATION
- ALUMINUM TAPE
- TOOL SET FOR CUTTINGh

20mm for internal use



- Panel Thickness: 20mm
- Aluminum external face: thickness 0.06 mm, embossed lacquered anti corrosion resistant varnish
- Aluminum internal face: thickness 0.06 mm, embossed lacquered anti corrosion resistant varnish
- Thermal conductivity: 0,021 W/mK (10 °C)
- Fire Propagation Index: CLASS "A" according to NBR9442.
- Foam Density: 42kg/m³ +/- 2kg
- Internal Pressure: CLASS17 according to NBR16401 part 1: air scape<1.4L/s or "0" for all ducts dimensions required by the standard, tested under 500Pa and 1000Pa of pressure.
- Closed cells%:>=95%.
- Smoke opacity: Max Level 309 according to ASTM662-9
- Toxicity Index: Comply with all regulations of item 7.2 of BSS7239/1988



Glue



Silicon



Tape

Extra Aecessories for Specific Jobs:



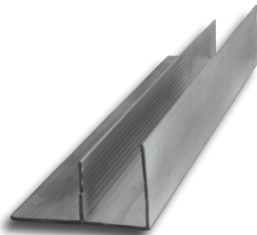
U Profile



PVC or Aluminum Joint Profile



H Profile



F Profile



Bayonet



Reinforcement BAR

Tools:



45° LEFT CUT



45° RIGHT CUT



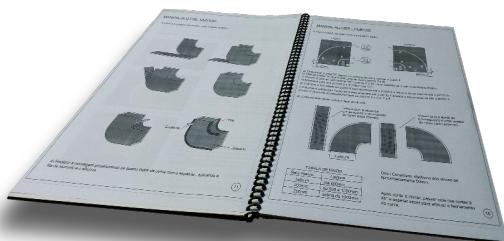
STREIGHT CUT



V CUT



Manual:



CONSTRUCTION GUIDE TEACHING ALL TYPES OF DIFERENT CUTS, SPECIAL PIECES AND ALL STEPS OF DUCTWORK FOR ACCESSORIES INSTALATION.