



FEAS

Forest Energy and Air Solutions FLIXS Installation Manual

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Instruction manual

Installation instruction:

- 1- Unroll the duct to the desired length between the air inlet and outlet (Figure 1). Make sure the duct direction is the same as the airflow direction. Arrows showing the direction of the conduit are present at both ends of the air duct. (Figure 2)
- 2- Once the conduit is the required length, a reciprocating saw fitted with a steel blade can be used to cut the conduit to the correct length.



Figure 1 : Unroll the duct to the required length following it's direction.

- 3- Secure the conduit to the terminal using self-drilling screws (minimum 3 screws per duct) (Figure 2). Check with your engineer if it is authorized to provide screws on the dryer ducts.
- 4- Add a layer of vinyl tape such as FEAS FLEXTAPE. (Figure 3)



Figure 2 : Use self-drilling screws to mechanically fasten the duct



Figure 3: Add a layer of FLEXTAPE

- 5- Firmly attach the FLIXS conduit to the frame using a pin. Keep a regular interval of 30 cm between each attachment point. Attach to low row stems where possible for added strength.



Figure 4 : Firmly fix the FLIXS duct to the reinforcement at regular intervals of 30 cm

- 6- When pouring concrete, be sure to inform the trades involved in the project to **avoid walking on the FLIXS** duct. Although it is designed to support the weight of a person, it is important to protect the ducts. (Figure 5)



Figure 5

- 7- Important advice to the scrap dealer, use two wooden supports when bundles of rebar are placed on installed networks of FLIXS conduits. Avoid the weight of the steel resting on the ducts. (Figure 6)



Figure 6 : Double the wooden supports when rebars are placed on the FLIXS

8- Lifting FLIXS ducts using a crane

The use of a crane to transport the FLIXS conduits is recommended. Use only approved lifting equipment and be sure to follow the recommendations of lifting specialists.

The recommended method is to insert the lifting belt or chain through the center of the rolls of FLIXS conduit as shown in Figure 7.



Figure 7 : lifting method