

Injection lances are used for filling of lying or slightly disposed wall and roof elements. The lance is inserted through an injection hole in the frame of the element across its entire length. The twin pipe construction makes a good conduction of the excess air through a ventilation cage possible. The excess air is led to the dust bag (passive ventilation) or a connected extraction system (active ventilation).

The length of the injection lance can be selected freely. The fixed lance can be used up to a length of 5.55 m. We recommend the use of a telescope lance for elements with lengths of more than 4 m up to 11.7 m.

The space behind the element must be rated sufficient for a good handling (> overall length of the lance).

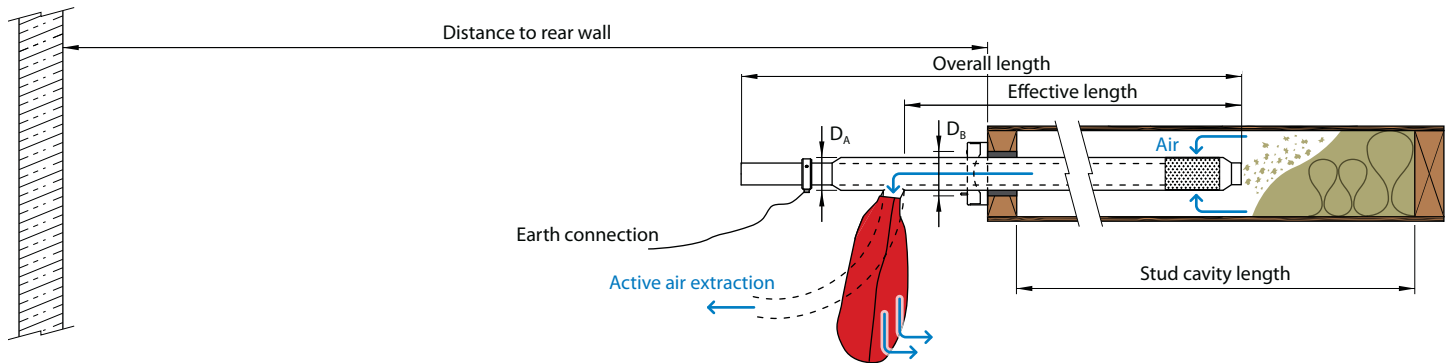
### Advantages of the Method:

- ➔ Easy handling and good control options
- ➔ Time-saving procedure by easy handling
- ➔ Consistent allocation and insulation density achievable
- ➔ Reduces the risk of board deformation by active / passive ventilation
- ➔ Nearly no insulation material adhesion because of smooth outer finish

### Technical Data

	Injection lance fixed NW75/90	Telescope injection lance
Active / passive ventilation	✓	✓
Length (freely selectable)	1.5 up to 5.55 m	2 up to 11.7 m
Hose	50 mm (2") / 63 mm (2½")	50 mm (2")
Inner pipe	50 × 1.5 / 63.5 × 1.5 mm	50 × 1.5 / 75 mm
Outer pipe D <sub>A</sub>	75/90 mm	75 mm
Drill hole required D <sub>B</sub>	≥ 85 / ≥ 100 mm	≥ 85 mm
Material	Aluminium + PE pipe	Aluminium + PE pipe / -hose
Weight	11.5 up to 18 kg	4.3 up to 12.9 kg
Product number	2675/3740	4626

## Injection lances

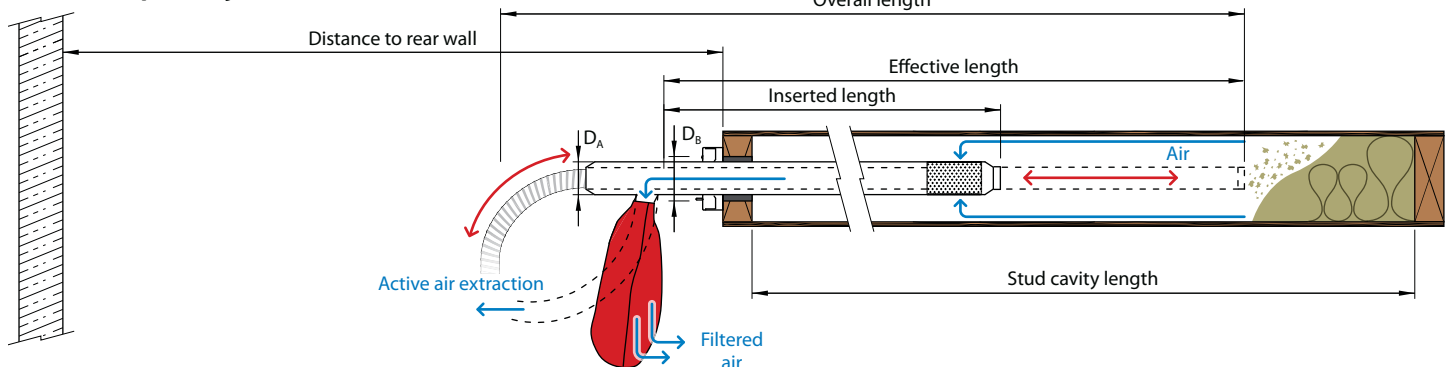


### Determination of the lance length:

Effective length = stud cavity length + frame thickness + thickness of the injection sleeve (optional)

Overall length = effective length + 450 mm

## Telescope injection lances



### Determination of the lance length:

Effective length = stud cavity length + frame thickness + thickness of the injection sleeve (optional)

Overall length (lifted) = effective length + 450 mm

Overall length (inserted) =  $\frac{\text{Effective length}}{2} + 750 \text{ mm}$