# Ventilated Injection Lance Technology

Element Filling on an Industrial Level





# Earth connection Dust sack Telescope Injection Lance Effective length up to 11.70 m!

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:

- → Ease of use and good control possibility
- → Time-saving process due to easy handling
- → Consistent allocation and insulation density achievable
- → Reduces the risk of board deformation by active / passive ventilation

www.x-floc.com/videos

Einblaslanze

YouTube

→ Hardly any adhesion of insulation material due to smooth outer wall

#### **Technical data**

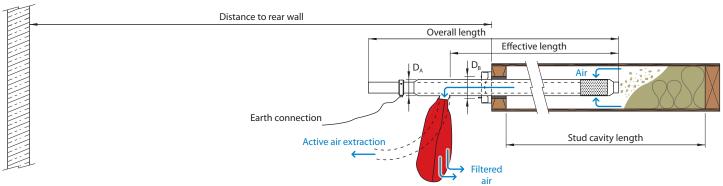
	Injection lance fixed NW75/90	Telescope injection lance
Active / passive ventilation	$\checkmark$	$\checkmark$
Length (free choise)	1,5 to 5,55 m	2 to 11,7 m
Hose	50 mm (2") / 63 mm (2½")	50 mm (2")
Inner pipe	50×1,5/63,5×1,5 mm	50×1,5 / 75 mm
Outer pipe D <sub>A</sub>	75/90 mm	75 mm
Drill hole required $D_{_B}$	≥80 / ≥95 mm	≥80 mm
Material	Aluminium + PE pipe	Aluminium + PE pipe / hose
Weight	11,5 to 18 kg	4,3 to 12,9 kg
Prod.no.	2675/3740	4626

Prices on request · Published 10.2021 · Errors and changes excepted · PDF at www.x-floc.com/download X-Floc Dämmtechnik-Maschinen GmbH | Rosine-Starz-Straße 12 · 71272 Renningen · Germany Tel. + 49 7159 80470 - 30 · Fax - 40 | www.x-floc.com

# Schematic diagrams, diameters and determination of the lance length



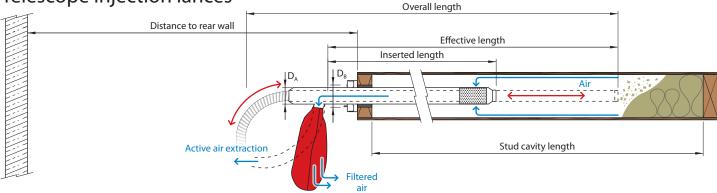
### Injection lances



### 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 mm

