

Application Profile

Project:	Insulation coating of a drinking-water pipe through a tunnel (A).
Project supervisor:	Fastsetpowerunits, Landskron (A)
Applicator(s):	Fa. Hafnerbau (A)
System applied:	High density coating foam
Substrate/Area:	PVC-pipe, diameter 17cms, lenght 6 km
Date:	24. - 24.01.2007

Description:

The borderline between Carinthia and Salzburg in Austria can be crossed through a 6km long tunnel („Katschbergtunnel“) by car. A drinking-water pipe is going through the tunnel also, wich supports the local region with drinking-water but is also used as fire-water in case of accidants.

The tunnel is located on a sea-level of about 1.200m, during winter-time the temperatures are very low.

The pipe has to be coated with a high densitiy insulating foam in a thickness of min. 7cm around.

Circumstances for coating were terrible, there was no realy good light inside, daily permanent changing wind through the tunnel and the pipe was placed in a channel with very small place for work out.

As unit was used the GAMA G-125 A and the STAR GUN with mixing chamber 06.

Works started with -7°C outside temperature, icebuilding in the drum-pumps and air-motor of unit happened. The complete equipment was placed on the bedliner of a small lorry, covered with a PVC-foil and heated with a strong industrial heater.

