

Dublin Port Tunnel, Ireland.

Quietstone was used at both entrances of the Dublin Port Tunnel to control the noise levels experienced by near by residents. This was our first tunnel project and proved the suitability of our materials.

Client: Dublin City Council

Material supplied: 2,500m² running 100m in at both ends

The pressure changes experienced at the entrance of a tunnel, particularly when used by articulated vehicles can cause a serious noise problem when residential properties are in the near vicinity.

The engineers working on the environmental impact assessments for the project deemed that this issue would be prevalent here, particularly as the start of the tunnel has parallel surfaces, adding to the effect.

Quietstone was used at the start of the tunnel as no other sound absorber would be able to withstand the pressure changes while providing high sound absorption, long life-span and non-combustibility.

Since the project, we have developed Quietstone FMS which provides the same advantages but with increased fire safety.

Advantages of using Quietstone

- High sound absorption
- Able to withstand high pressure changes at the entrance of the tunnel
- Non combustible
- Impervious to the elements
- Long life span

In tunnels, only very resilient materials will do



SOUND ABSORPTION UK LTD.

Unit 8, Langley Business Park, Langley, Macclesfield, Cheshire, SK11 0DG

Tel : +44 (0)1260 253 253 Fax : +44 (0)1260 253 337 Email : info@quietstone.co.uk

www.quietstone.co.uk