

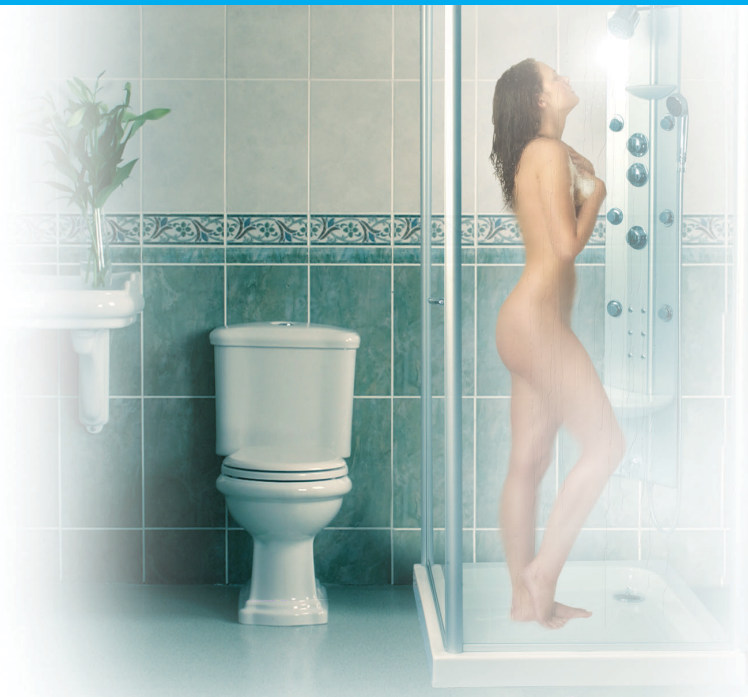


friaphon

Sound attenuated drainage

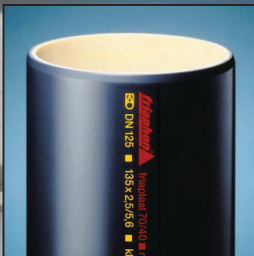
Have you heard....



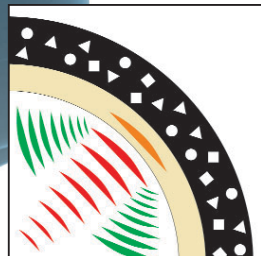


....friaphon is the sound alternative to cast iron and lagged single wall plastic

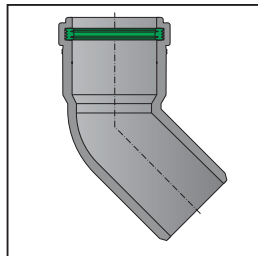
Friaphon sound attenuated drainage offers outstanding sound insulation properties compared with traditional cast iron or lagged single wall plastic drainage systems – making it the perfect solution for meeting today's building acoustic requirements.



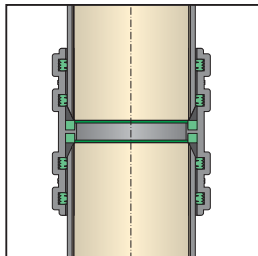
Friaphon pipe is manufactured by dual forming two materials of different density. Friaphon Dual Technology guarantees the excellent sound insulation and airborne sound reduction properties of the system.



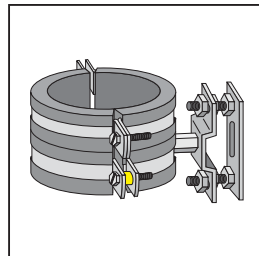
Sound waves are partially reflected along the boundary layers to be absorbed by the pipe's mass.



With Friaphon fittings it is possible to achieve a high sound insulation level resulting from minor sound vibrations.



When using Friaphon double couplers as standard connectors pipes can be connected to each other free of any structure-borne noises by way of a floating bearing of the pipe ends. At the same time this enables expansion to be accommodated.



Friaphon sound proofing, rubber lined support and sliding clips reduce the transmission of structure-borne noise.

Friaphon is a purpose-designed, sound attenuating soil and rainwater drainage system consisting of dual formed plastic pipes and moulded fittings in sizes 110mm and 160mm.

Pipes and fittings are rubber ring, push-fit jointed with boss pipes and branches in the range allowing standard, multiple waste pipe connections to the stack in sizes 32, 40 and 50mm.

Friaphon offers superb insulation from noises emitted by sanitary installations in buildings and easily exceeds the requirements of world wide 'sound proofing' standards with recorded sound levels as low as 15dB(A).

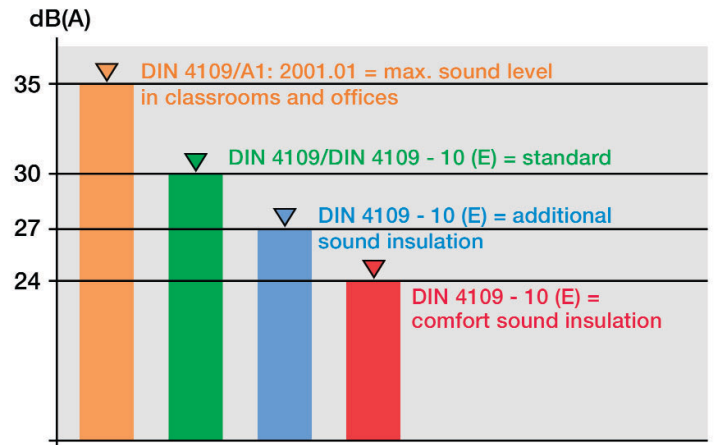
Lower material costs coupled with speed of installation and no need for lagging means Friaphon offers significant cost savings over cast iron and lagged, single wall plastic drainage systems.

Friaphon benefits

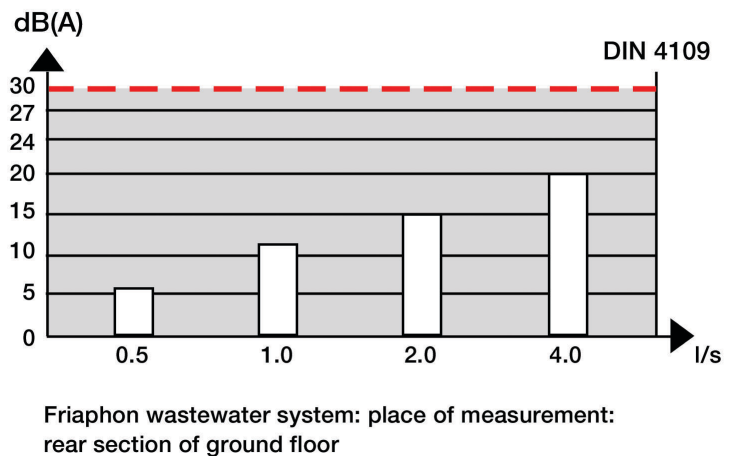
- Superb sound insulation
- Lower cost alternative to cast iron
- No lagging required
- Lower cost alternative to lagged plastic
- Lightweight, easy to install
- Easy push-fit assembly
- High impact and temperature resistant

Friaphon: The 'sound alternative' for

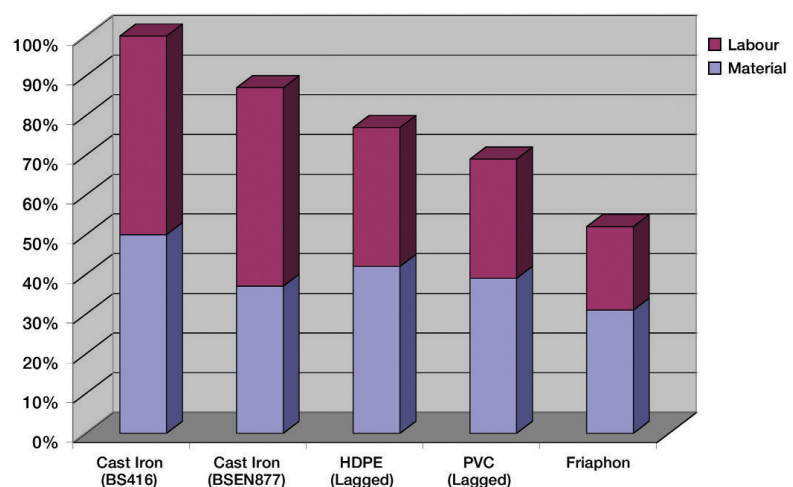
- Apartments
- Hotels
- Hospitals
- Public buildings
- Entertainment venues
- Restaurants



Overview of the structural requirements for sound insulation: DIN 4109 - 10.



Friaphon offers excellent sound attenuation as measured by the Fraunhofer Institute for Construction Physics.



With lower material costs coupled with speed of installation and no need for lagging Friaphon offers cost savings of up to 50% on traditional materials.

Front cover main photograph:
 Merchants Quarter, Southampton.
 Courtesy of www.lindenhomes.co.uk

Friaphon
dual layer
technology....

15dB (A)

....guarantees
excellent
sound
insulation

Faxback

For further information on Friaphon

Please tick the boxes below as appropriate and complete in block capitals.

Friaphon technical brochure request

Friaphon price list request

Friaphon CD

Arrange for a representative to contact me

Friaphon CAD drawings

Name: _____ Job title: _____

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D1007 May04

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