

Wavin AS®

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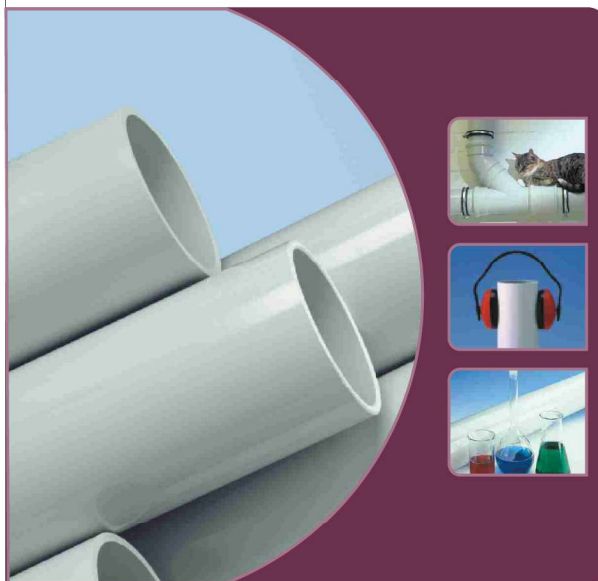
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SOIL, WASTE AND VENT (SWV)

Wavin AS®



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LOW NOISE SOIL AND WASTE SYSTEM

50  
years  
1959 - 2009

**DADEX**

## Introduction

Wavin AS is a unique low noise soil and waste system. It is the plastic alternative to cast iron. Wavin AS features an outstanding sound insulation due to its special molecular structure.

With its unsurpassed noise insulating characteristics, Wavin AS is the optimal solution where noise insulation is required. The patented raw material Astolan® has a high specific weight and special molecular structure, which enables absorption of airborne sound as well as structure borne sound.

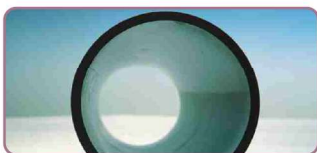
## Material

Wavin Proprietary Material - Astolan.

## Standards & Physical Characteristics

Wavin AS conforms to DIN 4102, B2.

Density	~ 1,9 g/cm <sup>3</sup> DIN 53479
Elongation at Break	~ 29%
Tensile Strength	~ 13 N/mm <sup>2</sup>
E-modulus	~ 3800 N/mm <sup>2</sup>
Coefficient of Thermal Linear Expansion	~ 0,09 mm/mK
Fire Resistancy	~ DIN 4102, B2
Colour	Light Grey



## Features & Benefits

- Complete low noise system
- Corrosion resistant  
A complete plastic system resistant to corrosion, allowing high flow speeds of the transported liquids.
- Smooth bore, free of incrustations  
Maintaining a smooth internal surface, hindering the build-up of deposits.
- Optimal for hot and greasy wastewater  
The perfect solution for professional kitchens.
- High chemical resistance  
Wavin AS offers a considerable resistance to most chemical agents.
- Easy to install  
Due to the rubber ring push-fit system.
- Low installation costs  
Compared to cast iron.
- Light weight  
Compared to cast iron, Wavin AS is easy to handle.

## Fields of Application

The system is designed for professional wastewater installations in buildings, particularly in the area of multiple storey buildings where noise insulation is required e.g hotels, hospital and apartments, to name a few.

## Product Range

Outside Diameters 58, 78, 90, 110, 135, 160 and 200mm in lengths of 3m.

## Joining Method

Rubber Ring Push Fit Joining.

Wavin AS is an easy to join rubber ring pus-fit System. Compared to cast iron, Wavin AS is quick and easy to install because of its socket connections.

Wavin AS can be fixed with any commercial pipe bracket(with rubber insert). Expensive fixing techniques are not necessary.

The compensator Socket: the Wavin AS compensator socket is used to connect two pipes as well as a pipe and fitting where compensation for axial movements is required.

Making a connection with the Wavin AS compensator socket :



1. Push the expansion collar over the pipe end.
2. Apply lubricant sparsely inside compensator socket of fitting.
3. Apply and distribute lubricant evenly on outside of electromeric compensator collar.
- 4-6. Push fitting over compensator collar to full insertion dept. Check final position of compensator collar. Ready!