

## PluggFlexR round ventilation pipes



A WORLD'S  
FIRST

# The breakthrough in round ventilation pipes

The first real round ventilation pipe for the installation of room ventilation systems

- Installation in concrete ceilings
- Sound insulation thanks to patented PLUGGIT wave profile
- Fire protection class B1
- Food-safe

## Fresh air at all levels

Quick and secure installation now also in concrete ceilings

With the new PluggFlex R round ventilation pipe PLUGGIT enhances the installation possibilities for its room ventilation systems: Now, the installation of the lines is also possible in concrete ceilings and thus also during the preliminary construction phase.

NEW



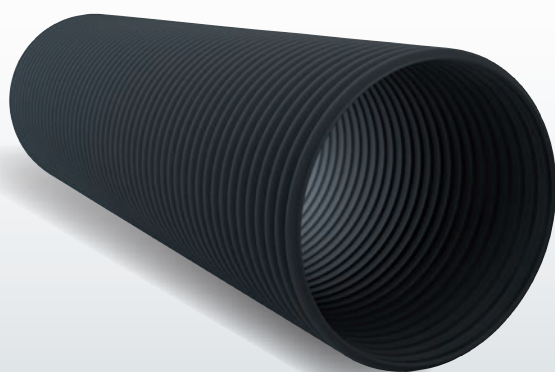
In the concrete ceiling



In the insulation



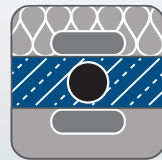
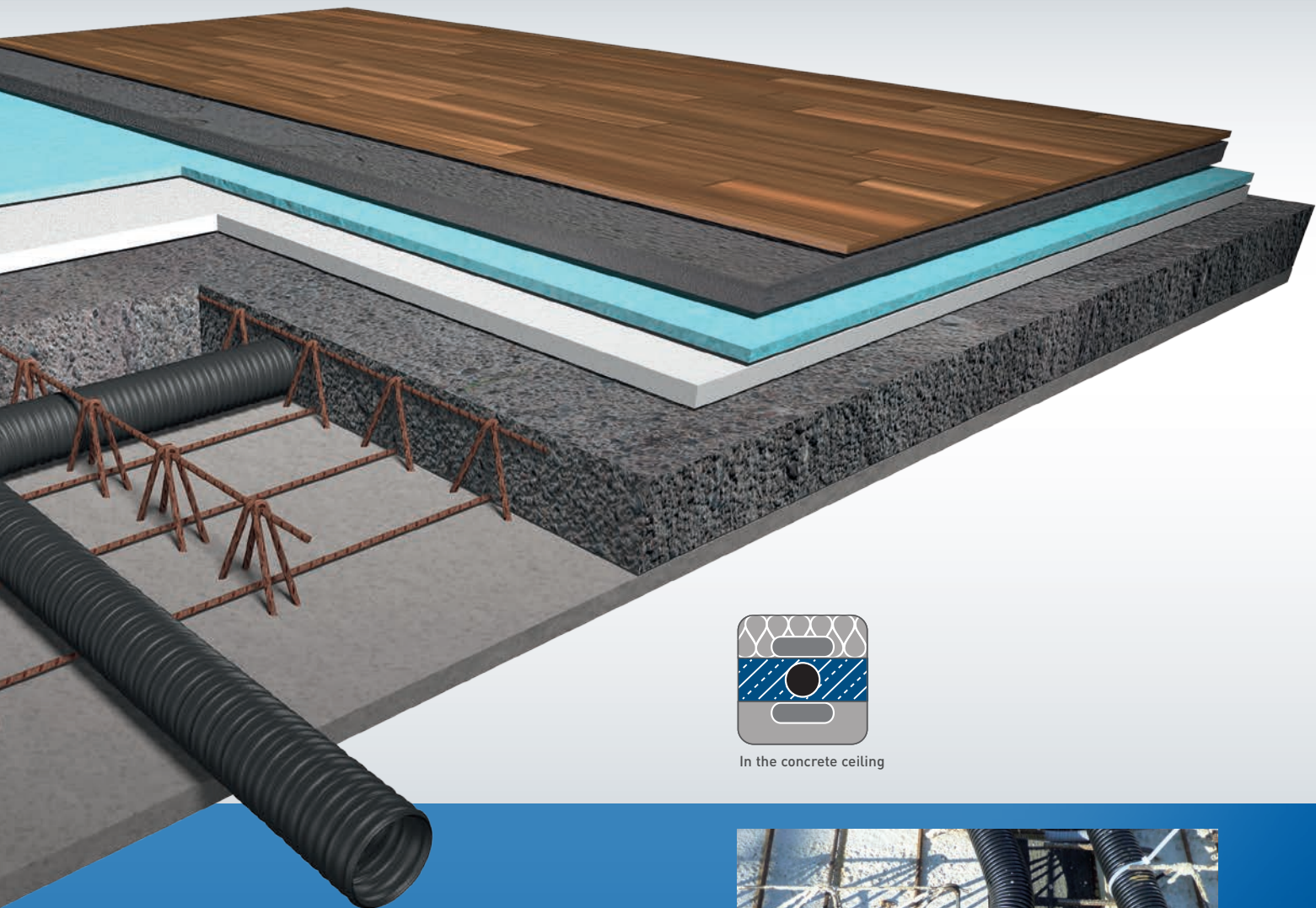
Under the ceiling



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Exclusively with PLUGGIT: The smooth inner surface known from the PluggFlex duct ensures optimal hygienic conditions also in the new PluggFlex R round ventilation pipe. In addition to that, the patented wave structure effects a high sound reduction – therefore no cross-talk sound attenuators are required any more.





In the concrete ceiling

### Product benefits:

- tight bending radius
- maintains impact resistance even at low outdoor temperatures
- patented PLUGGIT wave for durability and improved sound insulation
- single layer material structure for permanent smooth airflow



The installation in the unfinished concrete ceiling requires only few elements; the tight bending radius of the pipes allows for an installation without additional shaped parts.

## 5 products – 1 concept – everything fits perfectly

Highest flexibility with few elements

Perfectly matched components and high flexibility: architects, specialised companies and builders benefit from the PLUGGIT system competence.



### Wall and ceiling distributor

The new distributor made of steel sheet can be mounted on the wall or ceiling; it serves as control centre with integrated sound insulation for the patented PLUGGIT air distribution (supply and exhaust air) to up to six outlets. The air volume flows are controlled by means of the plug-on round pipe valves RD75.

### Elbow EVWS75 and Concrete ring BR150

The elbow is made of resistant ABS. If major amounts of air are required, two PluggFlex R round ventilation pipes can be plugged on the elbow. Usable for supply and exhaust air.

### Round pipe valve RD75

The required amount of air is infinitely adjustable using the round pipe valve. The round pipe valve can be easily connected to the Pluggit round ventilation pipe Plugg Flex R.



### Plugg FlexR round pipes NW 75

Plugg FlexR round ventilation pipes consist of the same food-safe polypropylene (PP) which already has proved successful with the known PLUGGIT PK flat ducts for more than 20 years. The model for success of the patented sound insulation wave and the single layer material structure with the smooth inner surface has been consistently continued. The compressive strength is designed to the use in concrete ceilings.



## We've set it



### Central distributor

The central distributors fulfil the task of regulating the air volumes (supply and exhaust air) in each room according to individual needs. Without disturbing noise and any draughts.

### Advantages

It applies to all PLUGGIT ventilation systems that: All air volume flows for every room are regulated centrally by means of throttles or valves at the distributor. This ensures an air distribution according to individual needs. The desired setting can be made using a scale positioned at all PLUGGIT distributors at any time.



### Single distributor

The Plugg FlexR round ventilation pipe can also be plugged quick and easy on the known PLUGGIT single distributor as an alternative.

## Installation

Due to the variable ceiling or wall mounting the central distributor can be placed flexibly in the building. The regulation of the amount of air for each room is easily accessible, adjustable and reliable.



The central distributor is fastened at the ceiling or the wall.



The round pipe valve for the variable regulation of the air volume flow for each air duct can be fastened at the central distributor with only a flick of the wrist.



Subsequently plug the new Plugg FlexR round ventilation pipe – finished. Typically PLUGGIT!

# Further good ideas of



- **PluggLine** – designer covers for your home
- **PluggLine** – Flush-mounted standard covers
- **Pluggit Avent** – The modular ventilation units (Basic to Premium version)
- **PluggVoxx** – The most healthy air for your home

