

acospray

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# acospray

Acospray is a spray-on, decorative, sound-absorbing cellulose-based ceiling and wall coating manufactured by Acosorb (Netherlands); widely used to reduce reverberation and achieve the required reverberation time.

The unique properties of Acospray coating allow for achieving high levels of sound absorption, even when applied in a single layer (10 mm), which is the absolute minimum for acoustic materials. Due to the high quality of products, Acosorb acoustic coating has gained wide use in the Netherlands and other EU countries.

Acospray is available with smooth or grainy texture and in a wide range of colors.

## Application

- public premises
- residential buildings
- classrooms, lecture halls
- cafes, restaurants, clubs
- child care facilities
- offices, conference halls
- gyms, swimming pools
- industrial premises

## Fire Hazard Class:

- G1- combustibility**
- V1- flammability**
- D2- smoke generation ability**
- T2- toxicity**

## Composition

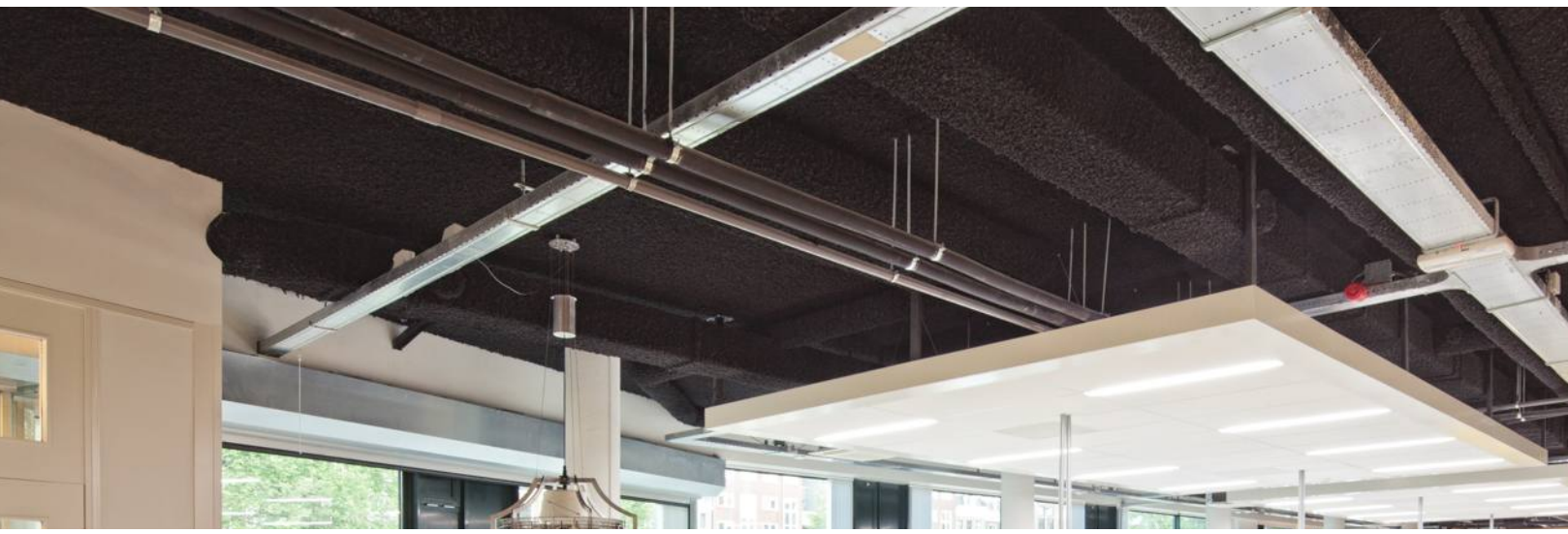
Cellulose fiber with mineral additives and high-tech water-based polymer binders.

## Specifications

- application thickness from 10 to 35 mm
- surface density about 2 kg/m<sup>2</sup>

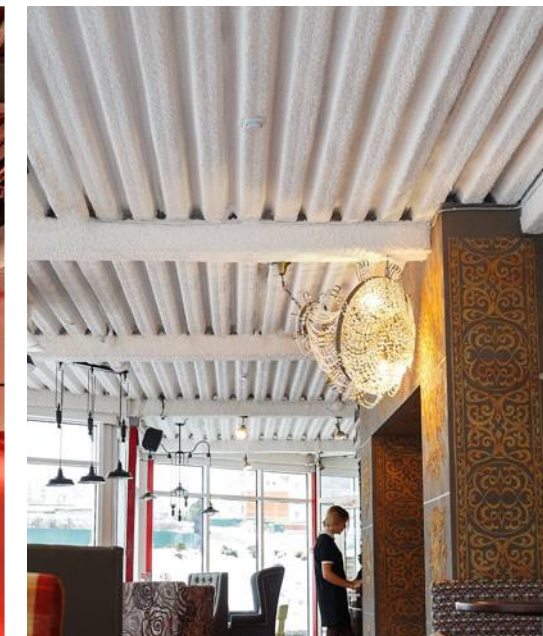
## Standard Colors

white, light grey, grey and black



# acospray

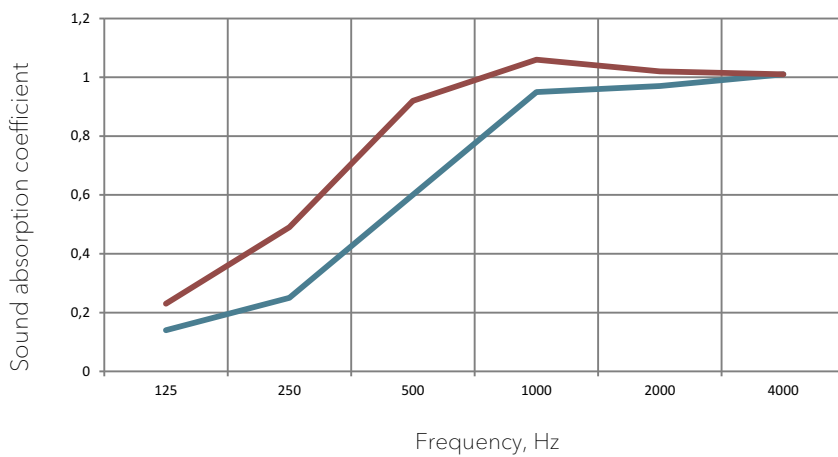
Completed projects  
in Europe, Russia and CIS countries.





## Acoustic Specifications

Frequency characteristics of sound absorption coefficients



Average sound absorption coefficient:

- Acospray DC3, 15 mm thickness **NRC=0,7**
- Acospray DC3, 25 mm thickness **NRC=0,85**

### Optimum application conditions

temperature > 15 °C  
relative humidity < 65 %

Cannot be applied to



surface with corrosion  
without prior preparation

Process of applying Acospray



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## Required conditions for application of Acospray

- no work being done at the same time;
- access to water and electricity 220V 25 Amp;
- minimum indoor temperature+ 15° Celsius;
- dry and dust free surface without foreign objects;
- metal parts should be primed to prevent rust;
- all holes and cracks on the surface should be sealed
- after applying the spray, it is necessary to air the room for best drying.

If it is not possible to provide natural ventilation, install fans and dehydrators, open the windows



Sound absorption



Eco-friendly



Incombustibility



Aesthetics

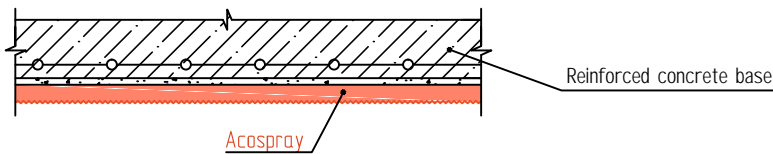
# acospray

## Installation

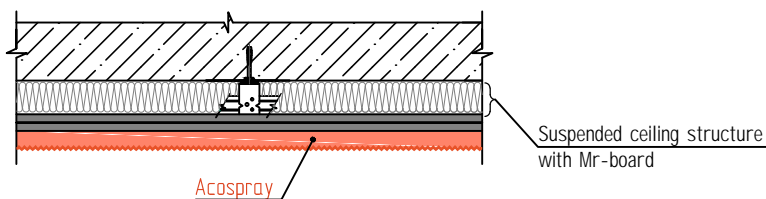
Acospray can be applied to almost any surface, subject to preliminary preparation; the application is carried out in a short time by professional teams using specialized equipment. Depending on the acoustic requirements and application conditions, suitable modifications to coating thickness are selected.

- optimum application conditions: temperature > 15°C, relative humidity < 65 %
- application thickness from 10 to 35 mm
- surface density about 2 kg/m<sup>2</sup>

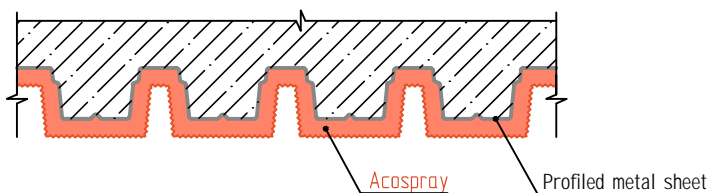
### on reinforced concrete foundation



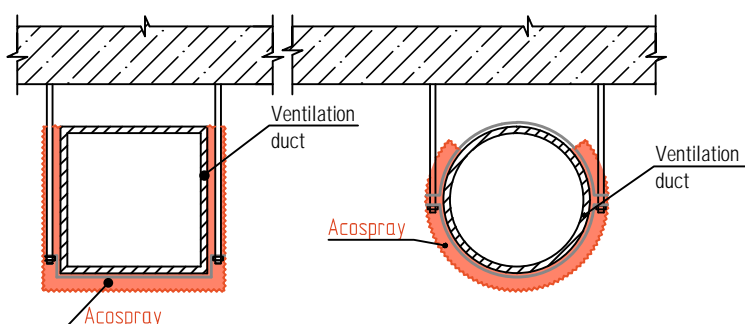
### on ceiling lined with MR-board



### on profiled metal sheet



### on ventilation duct



## Features

- can be applied to almost any surface
- seamless coating
- quick installation
- higher wear resistance and durability compared to the analogues
- water absorbency
- low specific gravity
- high sound absorption even with a thin layer

