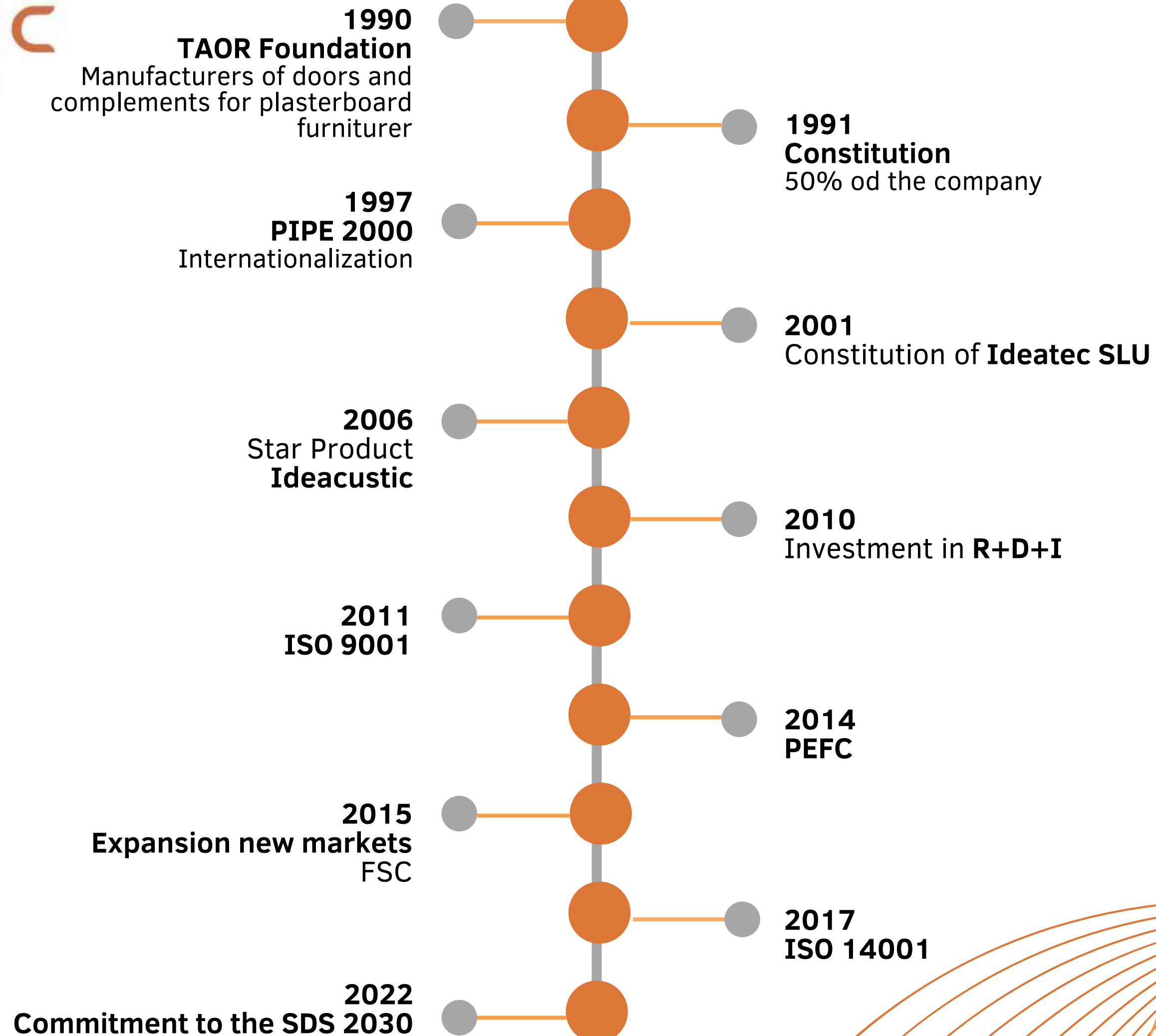


# IDEATEC

advanced acoustic solutions







# IDEATEC

advanced acoustic solutions

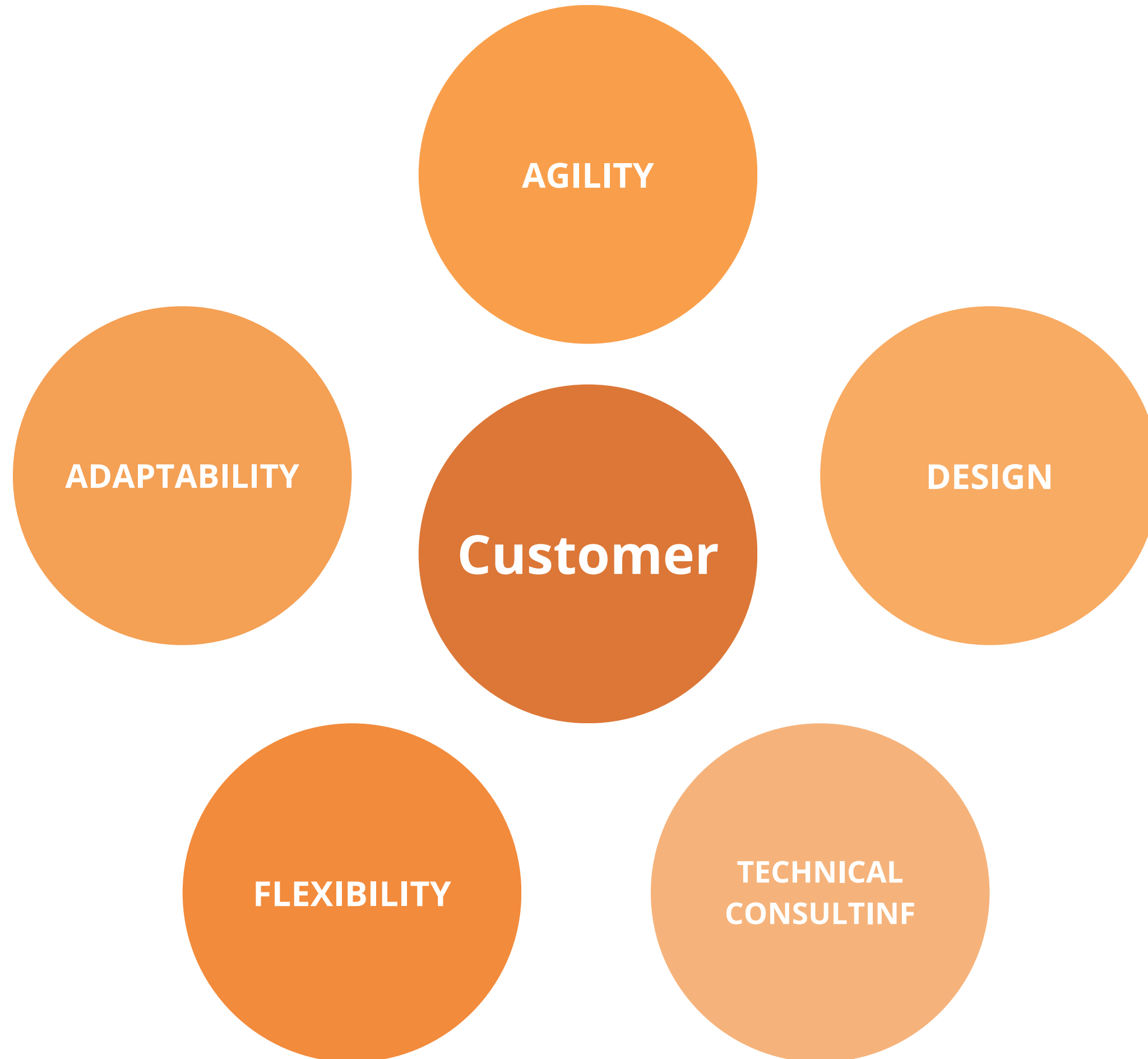
## What we do?

Ideatec is a national manufacturer and leading distributor of advanced acoustic solutions.

Offering its customers innovation and excellence to transform their sound environment.









## FAMILY PRODUCTS



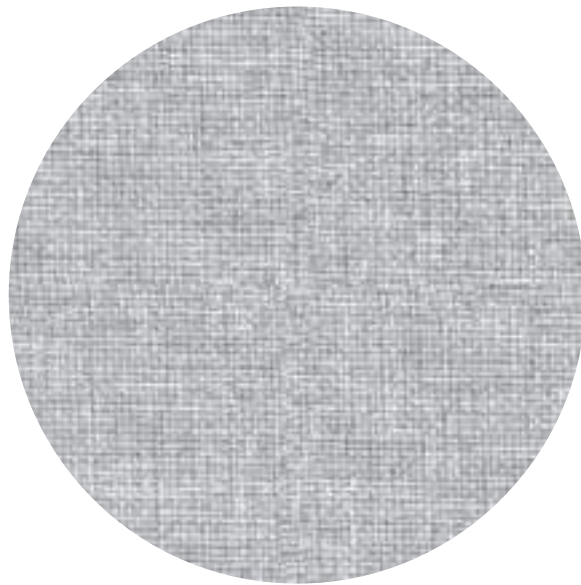
IdeaWood



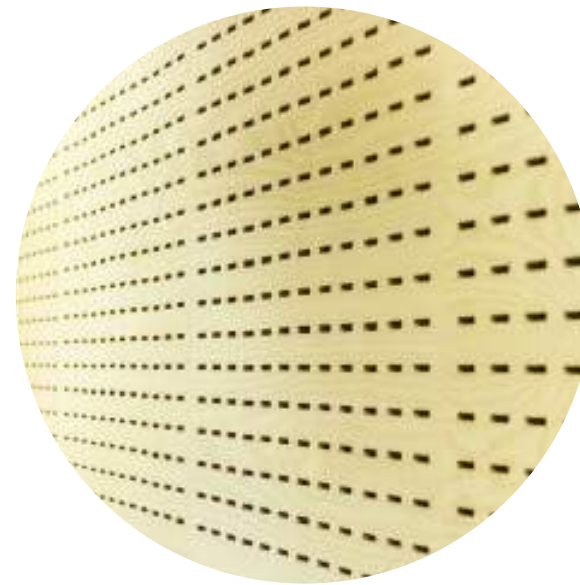
IdeaFlow



IdeaCustic



IdeaFabric



IdeaPerfo



IdeaGarden



12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001



## Acoustic design in natural wood panels

Modules made of solid wood that combine the elegance of natural materials with efficiency of acoustic conditioning.

A product range environmentally friendly recommended for all kinds of interior design.

## IDEAWOOD



IdeaLux LR



IdeaLux LT



IdeaLux FL



Slats Lamas



D-Wood



**IDEATEC**  
advanced acoustic solutions

**IDEA**WOOD





## Characteristics:

### Support materials:

MDF (standar, fire resistant, waterproof) or natural wood

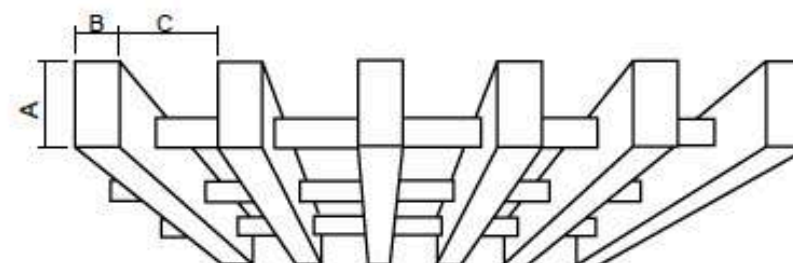
### Finishes:

Raw, Melamine, Veneered wood, Lacquered

### Format(cladding and ceiling)

IdeaLux FL IdeaLux LR/LT  
Lamas/DWood

- 2400x600x21mm
- Variable measures
- 1190x100x22mm



Solid wood slats attached crosswise with black metal tube

Average acoustic absorption coefficient  $\alpha_m$



$\alpha_m = 0,85$

Weighted acoustic Absorption coefficient  $\alpha_w$



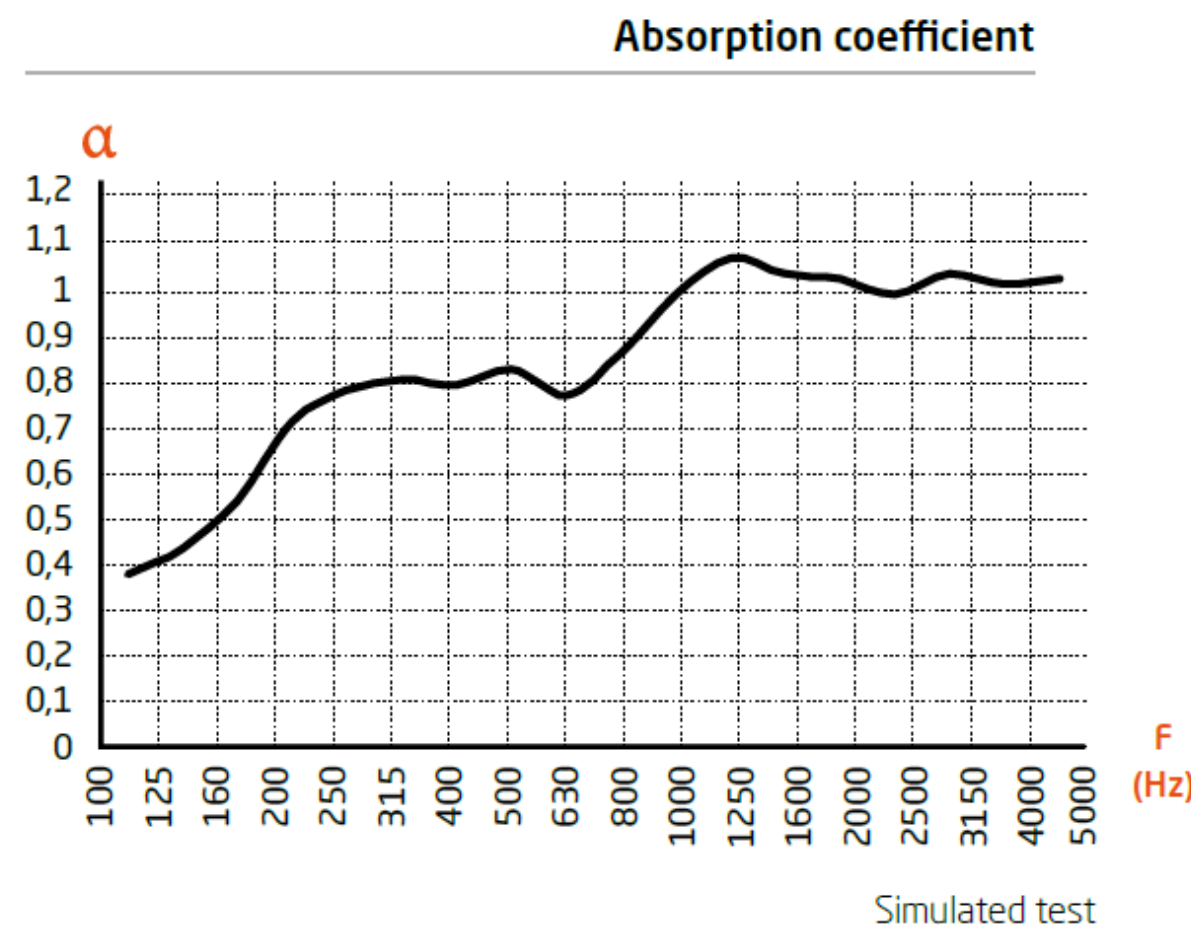
$\alpha_w = 0,80$

Noise reduction coefficient NRC



NRC = 0,80

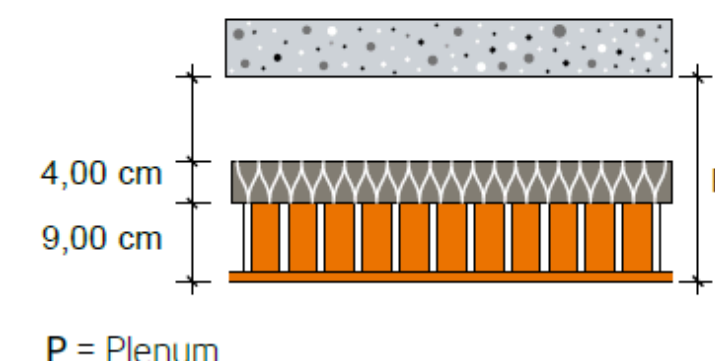
Slats



Test conditions

5 cm total plenum height.  
+ 4 cm of rock wool.

Test scheme



P = Plenum



## Design and sustainable acoustic comfort

Ideaflow is a panel made up of recycled polyester fibres, respectful of the environment and designed to offer the greatest acoustic comfort in any type of design and finish. Its high impact resistance combines with its finish nonreflective to offer a product that is easy to install, light, clean and with an infinite range of colours.



Panel



Tile



Sep.  
colgante



Abaraska



Viga U



Bafle



B. Flex



Conjunto B.



Sep. Mesa



Printed PET



Espiga



Circular I.



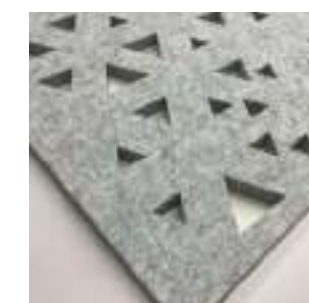
Design C.I.



Channel C.I.



Rectangular I.



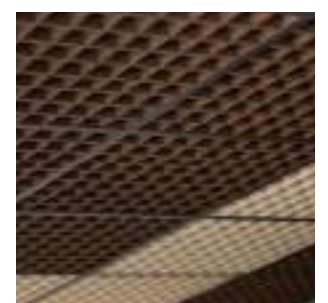
Design R.I.



Channels R.I.



IdeaLux FL



Rejilla



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**IDEA****FLOW**



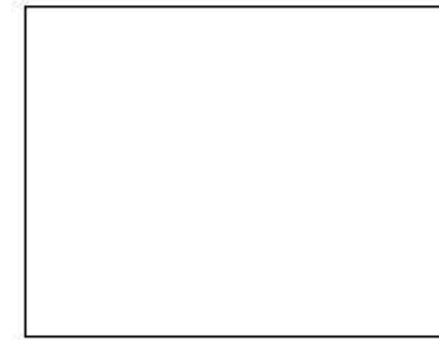
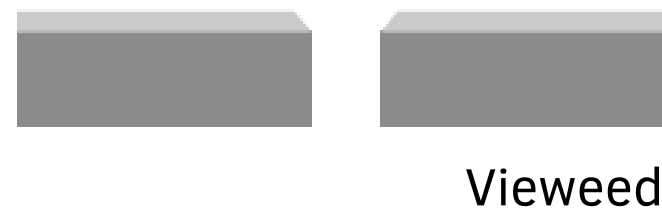


## Characteristics:

**Support:**  
Polyester Fiber

**Finishes:**  
Polyester Fiber

## Coating Profiles:



Fiber board  
polyester

Average acoustic absorption coefficient  
 $\alpha_m$



$\alpha_m = 0,40$   
 $\alpha_m = 0,75$

Weighted sound absorption coefficient  
 $\alpha_w$



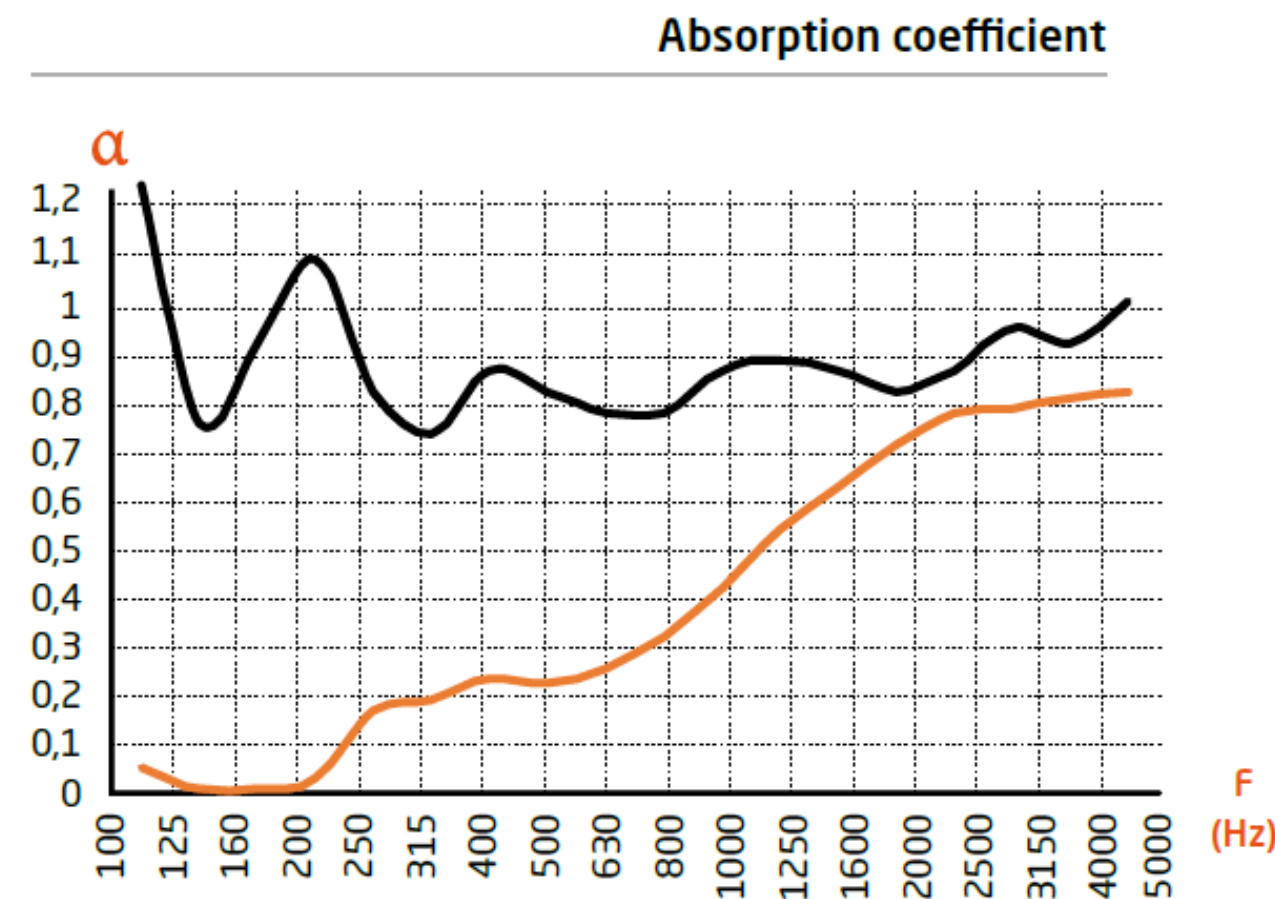
$\alpha_w = 0,30^*$   
 $\alpha_w = 0,80$

Noise reduction coefficient  
NRC



NRC = 0,35  
NRC = 0,75

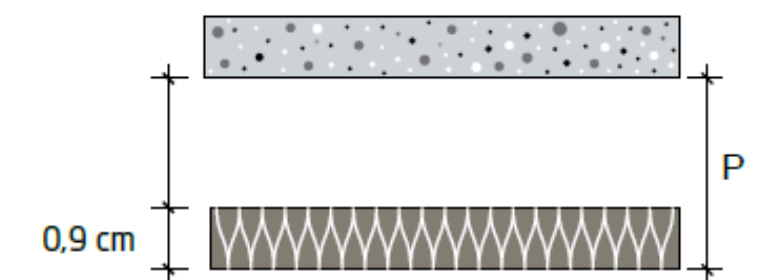
\*Material with high Absorption coefficient at high (A) frequencies.



### Test conditions without plenum

- without plenum.
- 5 cm total height of the plenum box.

### Test scheme



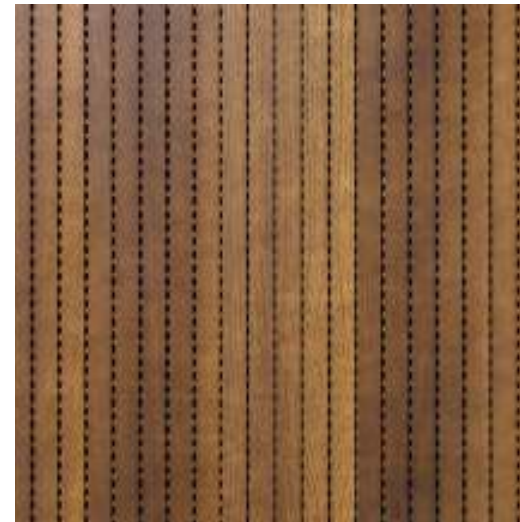
P = Plenum



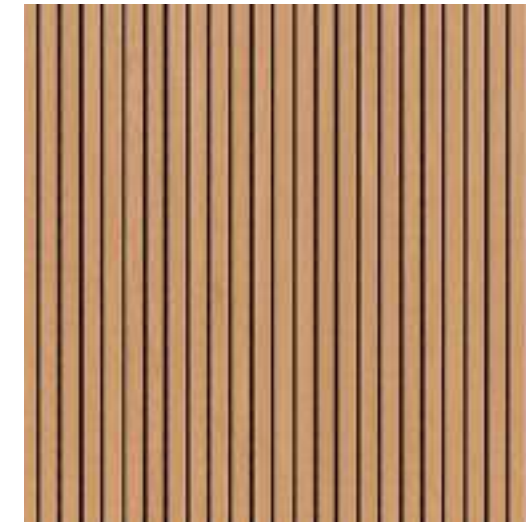
**Acoustic panel  
made of fire-retardant Bs1d0**

Easy installation.  
Melamine and veneer finish natural or  
lacquered wood.

**IDEACUSTIC**



Standard 32



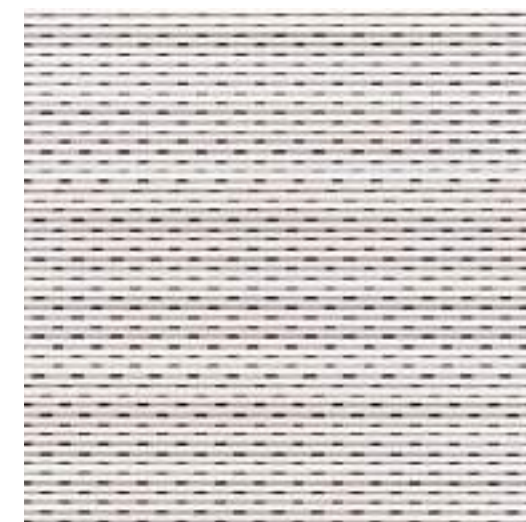
High 16



Pro11



Pro 11R



Pro 8



Standard 64



**IDEATEC**  
advanced acoustic solutions

**IDEACUSTIC**





## Characteristics:

### Support:

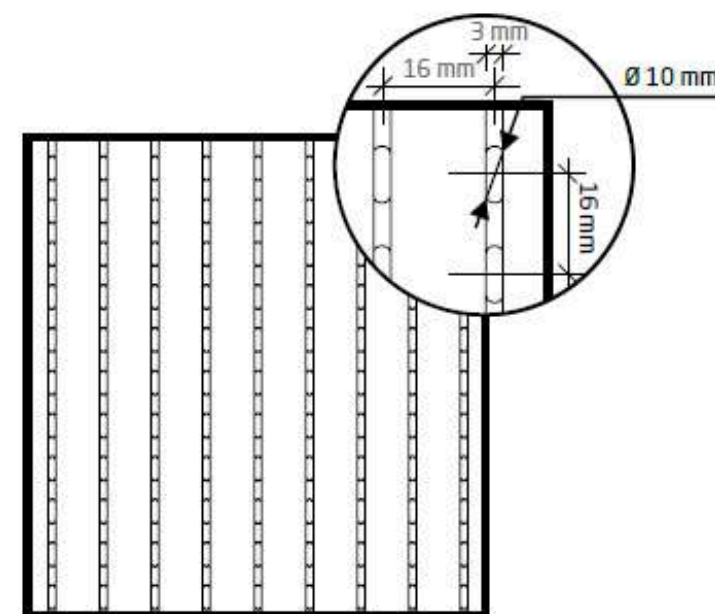
MDF (standard, fire resistant, waterproof)

### Finishes:

Raw, Melamine, Veneer wood, HPL, Lacquered

### Format(cladding & ceiling)

2430x160x16mm - 2430x480x16mm



Visible face: channels

Back: piercings

Average acoustic Absorption coefficient  
 $\alpha_m$



$\alpha_m = 0,75$   
 $\alpha_m = 0,85$

Weighted acoustic Absorption coefficient  
 $\alpha_w$



$\alpha_w = 0,80$   
 $\alpha_w = 0,85$

Noise reduction coefficient  
NRC



NRC = 0,75  
NRC = 0,80



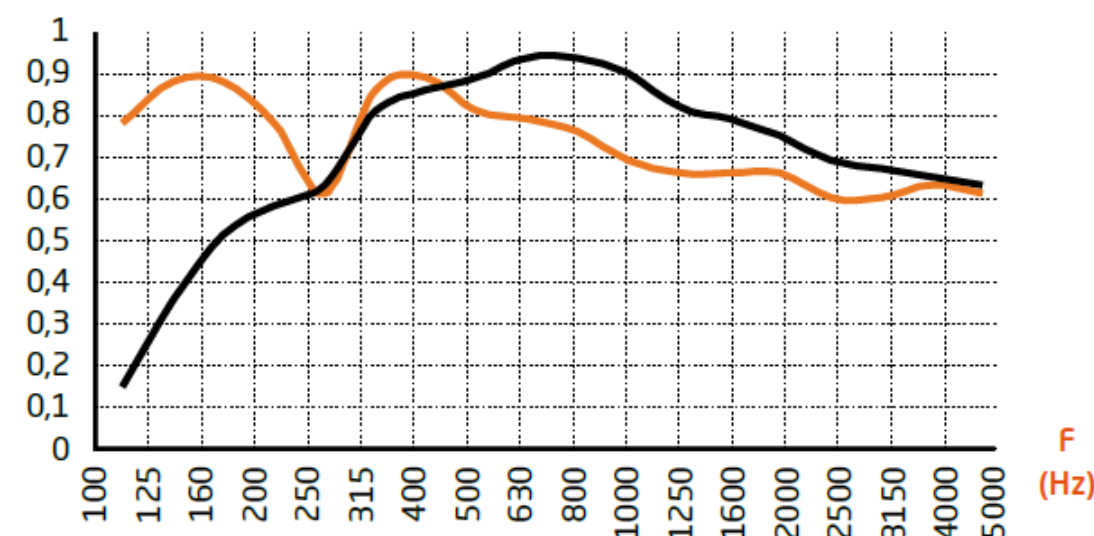
Double female



Tongue and groove

Absorption coefficient

$\alpha$

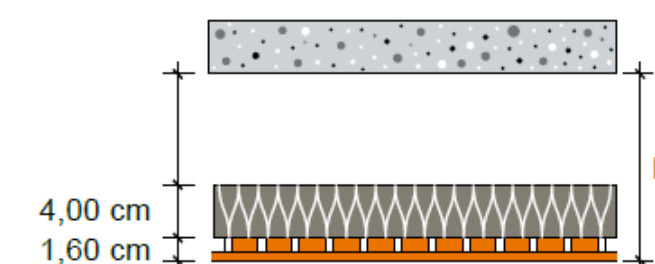


Test conditions

— 21 cm total plenum height.  
+ 4 cm of rock wool.

— 5 cm total plenum height.  
+ 4 cm of rock wool.

Test scheme



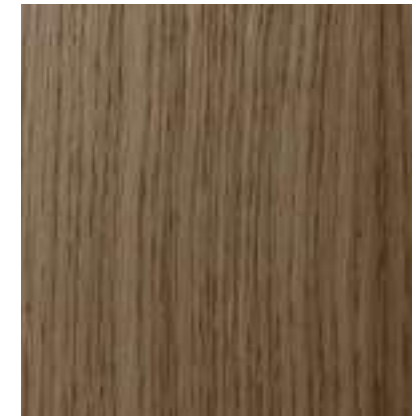
P = Plenum



## Wood acoustic panels

Sound-absorbing panels with different designs, holes and slots which make it perfect for ceiling and wall cladding.  
Acoustic panel made of fireproof mdf Bs2d0  
Easy installation.  
Melamine finish and natural or lacquered wood veneer.

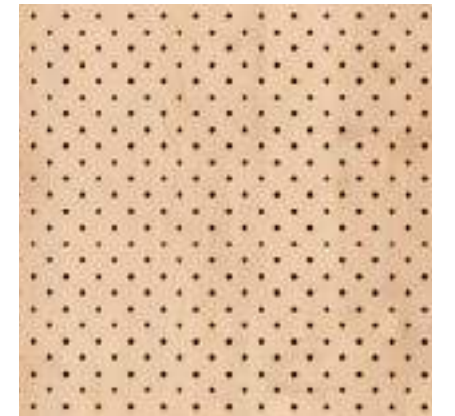
## IDEAPERFO



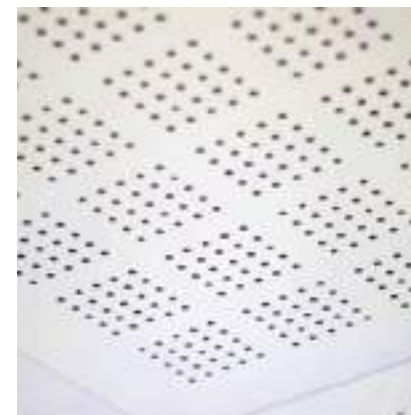
Plain



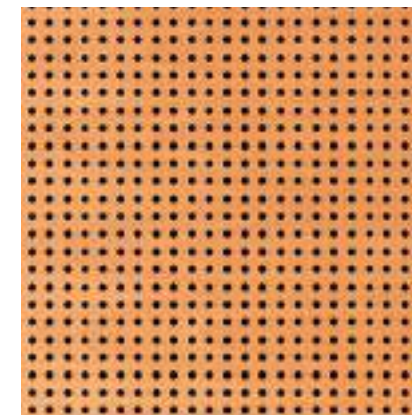
T32



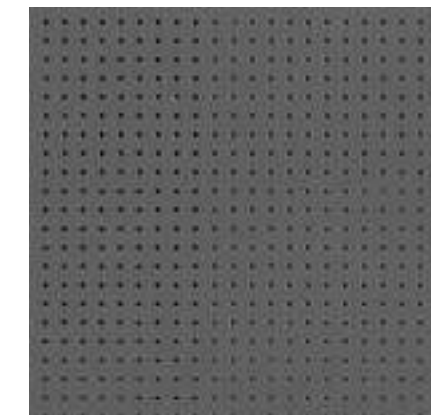
T16



G5Mi



Mi



Microacoustic



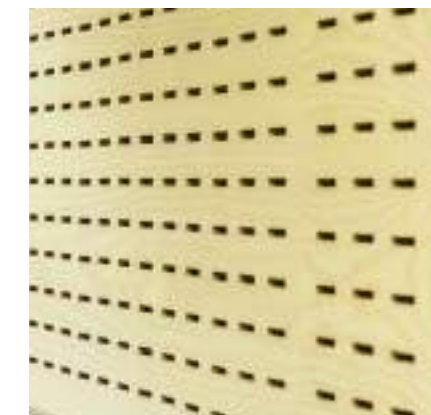
Micro05



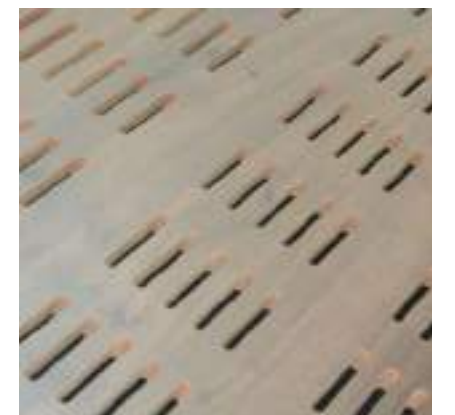
Desing



R16



R32



G4R16



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**IDEAPERFO**





## Characteristics:

### Support:

MDF (standard, fire resistant, waterproof)

### Acabado:

Raw, Melamine, Veneer wood, HPL, Lacquered

### Format:

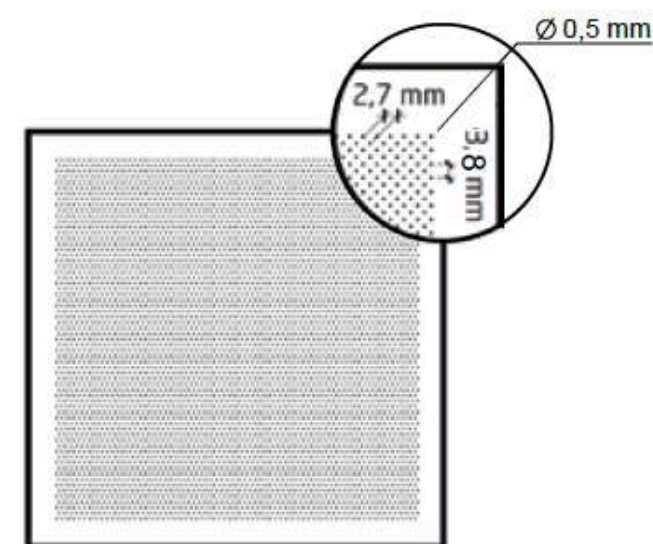
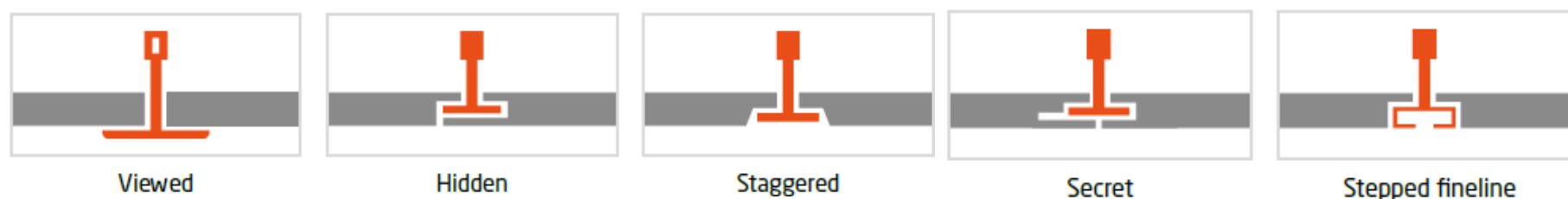
(cladding)

2430/1200/600x600x16/13/12mm

(ceiling)

1200/600x600x13/12mm

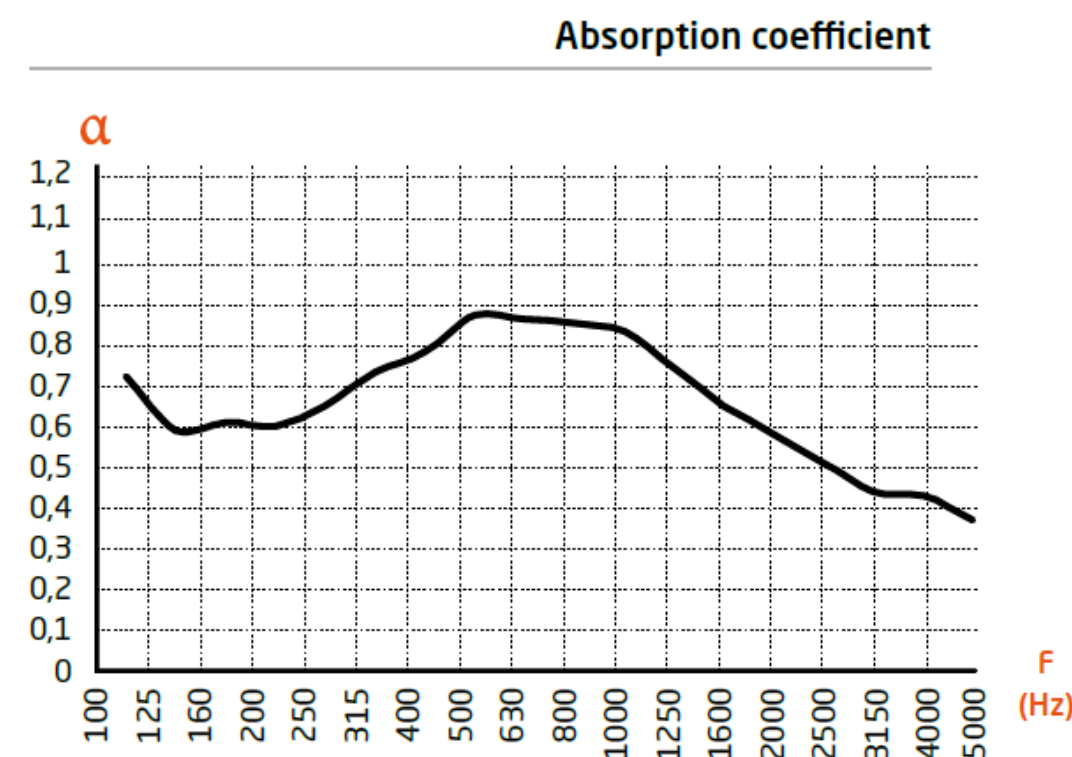
### Profile/edge machining:



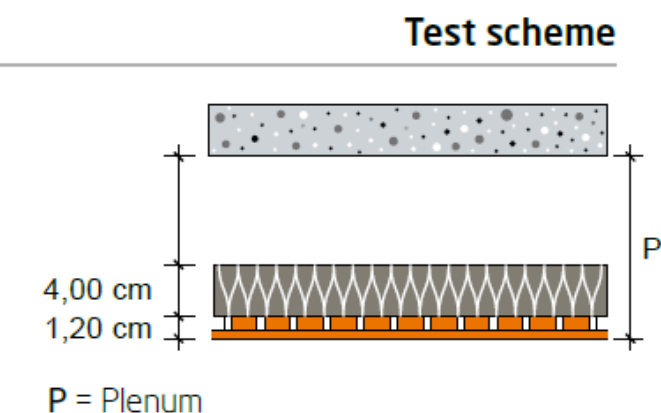
Visible face: holes 0,5 mm  
Back: perforations 10 mm

Average acoustic Absorption coefficient $\alpha_m$		$\alpha_m = 0,75$
Weighted acoustic Absorption coefficient $\alpha_w$		$\alpha_w = 0,60^*$
Noise reduction coefficient NRC		NRC = 0,75

\*Material with high Absorption coefficient at low (B) frequencies.



Test conditions
40 cm total plenum height. + 4 cm of rock wool.





## Design your acoustic wellness

Ideafabric sound-absorbing panels improve the acoustic well-being of interior spaces, we highlight its high absorption capacity and the different possibilities of finishing and installation both in wall and ceiling cladding.



Block



Printed Fibertex



Fibertex



Cylinders



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**IDEAFABRIC**



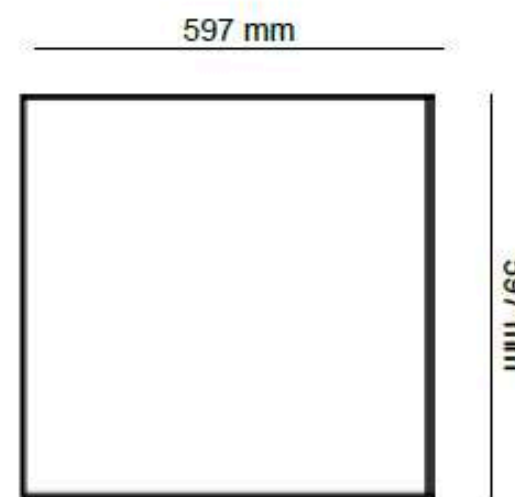


## Characteristics:

**Support:**  
Fiberglass or melamine foam.

**Finishes:**  
Textil

**Format(cladding & ceiling)**  
Fibertex  
1200/600x1200/600x50/20mm



Modules made up of a mineral fiber core  
with a fire-retardant textile coating

Average acoustic absorption coefficient  
 $\alpha_m$



$\alpha_m = 1,00$   
 $\alpha_m = 0,90$

Weighted acoustic absorption coefficient  
 $\alpha_w$



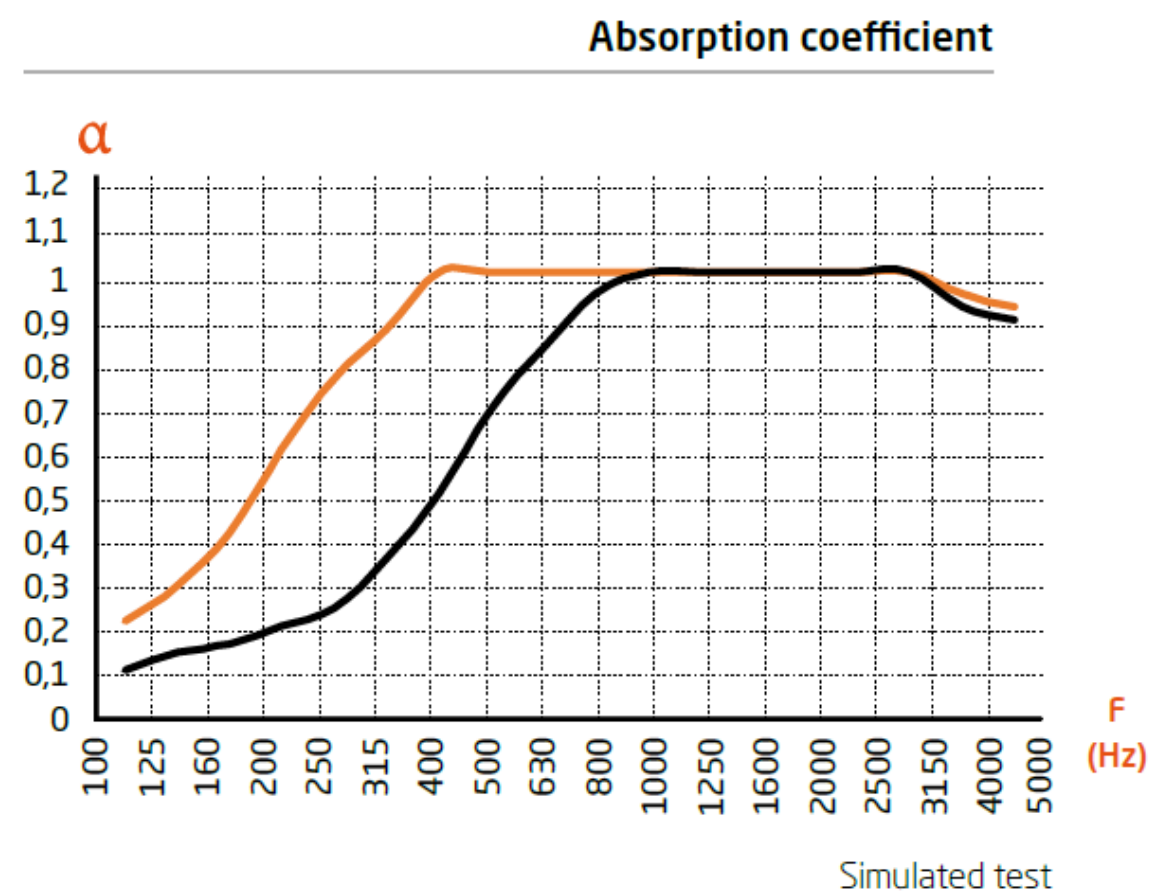
$\alpha_w = 1,00$   
 $\alpha_w = 0,55^*$

Noise reduction coefficient  
NRC



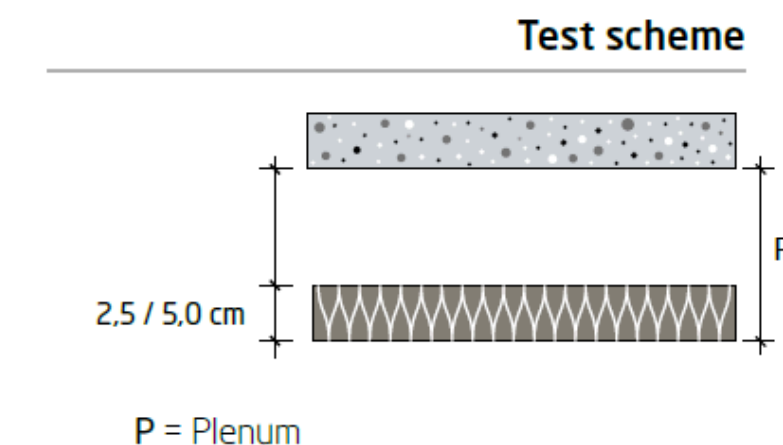
NRC = 0,95  
NRC = 0,75

\*Material with high Absorption coefficient at medium (M) and high (A) frequencies.



Test conditions without plenum

— 50 mm fiber thickness.  
— 25 mm fiber thickness.





## Nature and acoustic comfort meet in our last invention,

Ideagarden breathes the freshness of the  
woods uses nordic and the feeling acoustic ion  
of well-being that will make your spaces rivers  
a place where and want to be  
At Ideatec we believe in a better world ,  
greener and completely sustainable.

# IDEAGARDEN



Square



Apple  
Green



May  
Green



Yellow



Orange



Red



Blue  
Marine



**IDEATEC**  
advanced acoustic solutions

**IDEAGARDEN**





# CERTIFICATES



**ISO 14001**



La marca de la  
gestión forestal  
responsable

**FSC**



**Certificado CE**



**ISO 9001**



Promoviendo la  
gestión forestal  
sostenible

**PEFC**



**EPD**

**\*Sustainability memory & LEED Certificate**







