



PETPANEL 9 MM

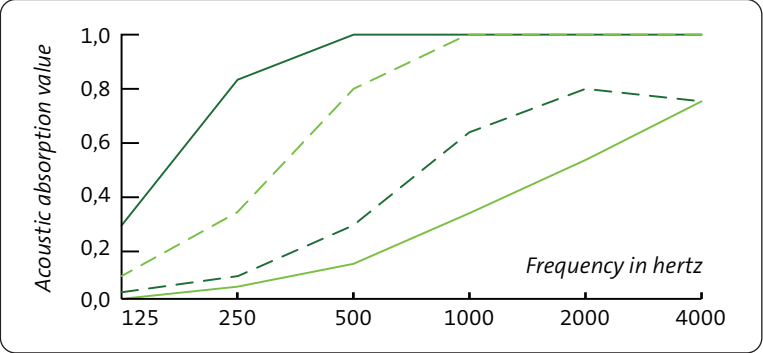
PRODUCT SHEET

Product name	PETpanel 9 mm
Features	Acoustic
Material	60% recycled PET bottles, 40% virgin PET
Material thickness	9 mm
Dimensions*	2440 x 1220 mm 3050 x 1220 mm (gross size)
Acoustic values**	ASTM: NRC 0,30 ISO 354:2003 α_w 0,25
Fire behaviour	EN13501-1 Class B,s1-d0
VOC	ISO 16516 Very low VOC, complies with BREEAM Hea02
Weight per m2	1,9 kg
Density per m3	210 kg
Colour fastness to UV	ISO 4892-2 ISO 11664-4
Colour fastness to chlorinated water	ISO 105-E03
Recycled PET bottles per m2	55

PETpanel 9 mm	
2440 x 1220 mm	33 different colours
3050 x 1220 mm	7 different colours

Please refer to our colour chart.

! Panels have a front and a backside.



	α_w	NRC
PETpanel 9 mm	0,25	0,30
PETpanel 9 mm + DENIMpanel 20 mm	0,65	0,80
PETpanel 9 mm + DENIMpanel 45 mm	1,00	1,00
PETpanel 9 mm + Air gap 50 mm	0,35	0,50



CNC-CUTTING

Fully customised with our CNC cutting machines.
For customised work, we would appreciate receiving a vector file (.dxf or .dwg). Please refer to our cutting book for more information.



PROCESSING AND INSTALLATION

Can be cut to size using the PETknife or a sharp Stanley knife.
Mechanical fastening or gluing (PET on PET, PET on Wall, PET on Ceiling).



SUSPENSION SYSTEMS

Suspension systems for ceiling islands and baffles available.



MAINTENANCE

Please refer to our cleaning instructions sheet.



COLOUR BATCHES

Slight colour differences between the various thicknesses and batches cannot be ruled out due to the recycled material and are therefore not grounds for complaint.

* Net dimensions: 2400 x 1200 mm, 3000 x 1200 mm.
** Tested on flat wall, other tests on request.

PETPANEL 18 MM

PRODUCT SHEET

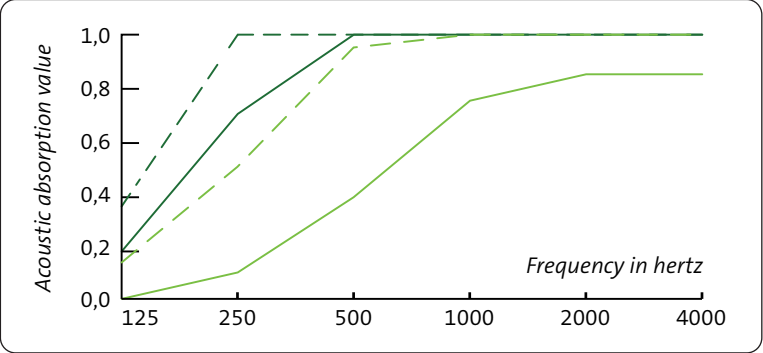
Product name	PETpanel 18 mm
Features	Acoustic
Material	60% recycled PET bottles, 40% virgin PET
Material thickness	18 mm
Dimensions*	2440 x 1220 mm (gross size)
Acoustic values**	ASTM: NRC 0,60 ISO 354:2003 α_w 0,40
Fire behaviour	EN13501-1 Class B, s1-d0
VOC	ISO 16516 Very low VOC, complies with BREEAM Hea02
Weight per m2	2,5 kg
Density per m3	140 kg
Colour fastness to UV	ISO 4892-2 ISO 11664-4
Colour fastness to chlorinated water	ISO 105-E03
Recycled PET bottles per m2	120

PETpanel 18 mm

2440 x 1220 mm 8 different colours

Please refer to our colour chart.

! Panels have a front and a backside.



	α_w	NRC
PETpanel 18 mm	0,40	0,60
PETpanel 18 mm + DENIMpanel 20 mm	0,80	0,90
PETpanel 18 mm + DENIMpanel 30 mm	1,00	1,00
PETpanel 18 mm + DENIMpanel 45 mm	1,00	1,00



CNC-CUTTING
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PROCESSING AND INSTALLATION
Can be cut to size using the PETknife or a sharp Stanley knife.
Mechanical fastening or gluing (PET on PET, PET on Wall, PET on Ceiling).



SUSPENSION SYSTEMS
Suspension systems for ceiling islands and baffles available.



MAINTENANCE
Please refer to our cleaning instructions sheet.



COLOUR BATCHES
Slight colour differences between the various thicknesses and batches cannot be ruled out due to the recycled material and are therefore not grounds for complaint.

* Net dimensions: 2400 x 1200 mm.
** Tested on flat wall, other tests on request.

PETPANEL 25 MM

PRODUCT SHEET

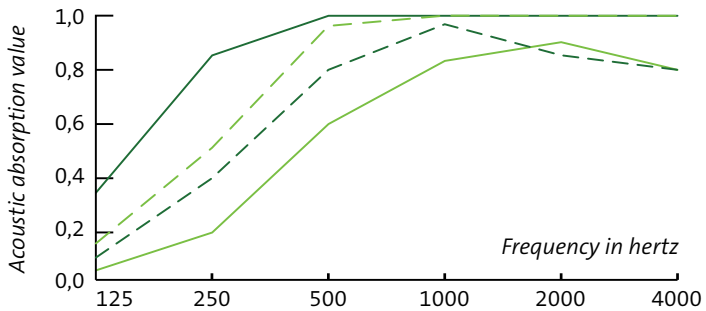
Product name	PETpanel 25 mm
Features	Acoustic
Material	60% recycled PET bottles, 40% virgin PET
Material thickness	25 mm
Dimensions*	2440 x 1220 mm (gross size)
Acoustic values**	ASTM: NRC 0,70 ISO 354:2003 α_w 0,50
Fire behaviour	EN13501-1 Class B,s2-d0
VOC	ISO 16516 Very low VOC, complies with BREEAM Hea02
Weight per m2	3,0 kg
Density per m3	120 kg
Colour fastness to UV	ISO 4892-2 ISO 11664-4
Colour fastness to chlorinated water	ISO 105-E03
Recycled PET bottles per m2	145

PETpanel 25 mm

2440 x 1220 mm 5 different colours

Please refer to our colour chart.

! Panels have a front and a backside.



	α_w	NRC
PETpanel 25 mm	0,50	0,70
PETpanel 25 mm + DENIMpanel 20 mm	0,80	0,95
PETpanel 25 mm + DENIMpanel 45 mm	1,00	1,00
PETpanel 25 mm + Air gap 50 mm	0,70	0,75



CNC-CUTTING

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PROCESSING AND INSTALLATION

Can be cut to size using the PETknife or a sharp Stanley knife.
Mechanical fastening or gluing (PET on PET, PET on Wall, PET on Ceiling).



SUSPENSION SYSTEMS

Suspension systems for ceiling islands and baffles available.



MAINTENANCE

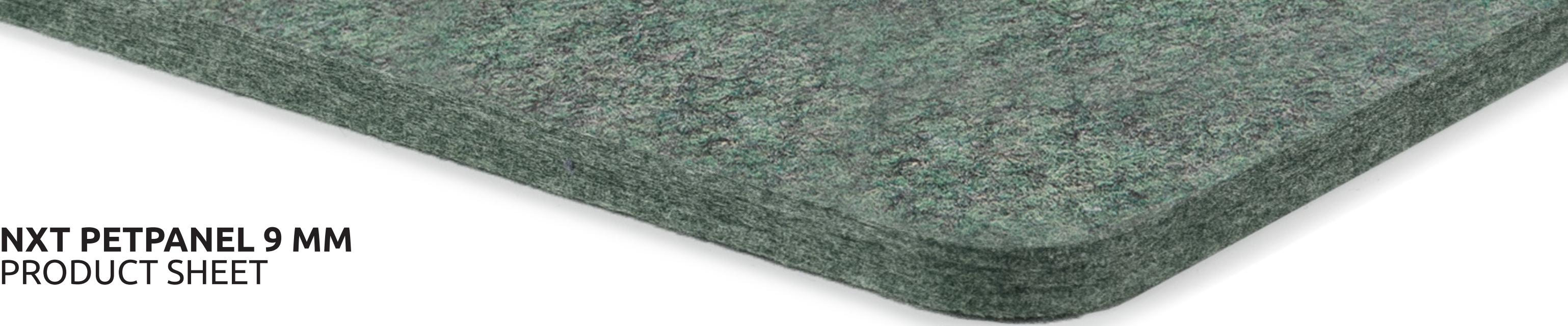
Please refer to our cleaning instructions sheet.



COLOUR BATCHES

Slight colour differences between the various thicknesses and batches cannot be ruled out due to the recycled material and are therefore not grounds for complaint.

* Net dimensions: 2400 x 1200 mm.
** Tested on flat wall, other tests on request.



NXT PETPANEL 9 MM

PRODUCT SHEET

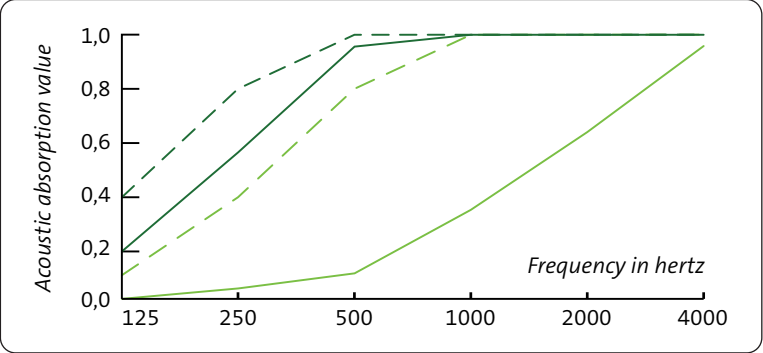
Product name	NXT PETpanel 9 mm
Features	Acoustic
Material	60% recycled PET bottles, 40% virgin PET
Material thickness	9 mm
Dimensions*	2820 x 1220 mm (gross size)
Acoustic values**	ASTM: NRC 0,30 ISO 354:2003 α_w 0,20
Fire behaviour	EN13501-1 Class B,s1-d0
VOC	ISO 16516 Very low VOC, complies with BREEAM Hea02
Weight per m2	2,0 kg
Density per m3	222 kg
Colour fastness to UV	ISO 4892-2 ISO 11664-4
Colour fastness to chlorinated water	ISO 105-E03
Recycled PET bottles per m2	58

NXT PETpanel 9 mm

2820 x 1220 mm 17 different colours

Please refer to our colour chart.

! The panels have identical sides, with no front or back.



	α_w	NRC
NXT PETpanel 9 mm	0,20	0,30
NXT PETpanel 9 mm + DENIMpanel 20 mm	0,70	0,80
NXT PETpanel 9 mm + DENIMpanel 30 mm	0,85	0,90
NXT PETpanel 9 mm + DENIMpanel 45 mm	1,00	1,00



CNC-CUTTING

Fully customised with our CNC cutting machines.
For customised work, we would appreciate receiving a vector file (.dxf or .dwg). Please refer to our cutting book for more information.



PROCESSING AND INSTALLATION

Can be cut to size using the PETknife or a sharp Stanley knife.
Mechanical fastening or gluing (PET on PET, PET on Wall, PET on Ceiling).



SUSPENSION SYSTEMS

Suspension systems for ceiling islands and baffles available.



MAINTENANCE

Please refer to our cleaning instructions sheet.



COLOUR BATCHES

Slight colour differences between the various thicknesses and batches cannot be ruled out due to the recycled material and are therefore not grounds for complaint.

* Net dimensions: 2800 x 1200 mm.
** Tested on flat wall, other tests on request.



DENIMPANEL 20 - 30 - 45 MM

PRODUCT SHEET

Product name	DENIMpanel 20 - 30 - 45 mm		
Features	Acoustic		
Material	Produced from cutting waste from jeans and other textiles		
Material thickness	20 mm	30 mm	45 mm
Dimensions	1000 x 1200 mm	850 x 1030 mm	1000 x 1200 mm
Acoustic values*	NRC 0,55 α_w 0,45	NRC 0,70 α_w 0,55	NRC 0,90 α_w 0,80
Fire behaviour	D,s2-d0 (indicative)	D,s2-d0 (indicative)	D,s2-d0 (indicative)
Weight per m2	1,1 kg	1,6 kg	2,9 kg
Density per m3	55 kg	55 kg	60 kg
Recycled PET bottles per m2	6	9	13
VOC	ISO 16516 Very low VOC, complies with BREEAM Hea02		



BAND SAW
A band saw is only suitable for cutting straight lines in DENIMpanel.

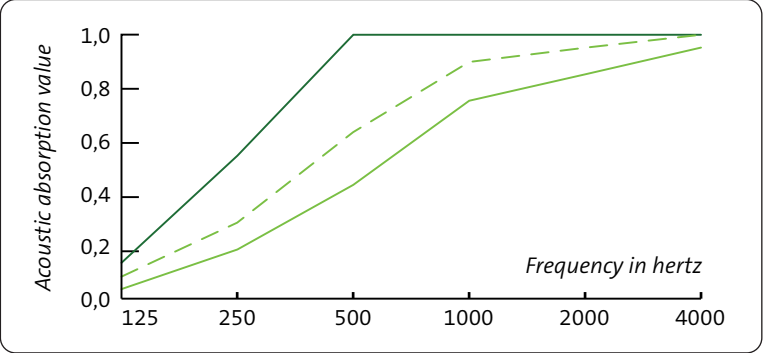


PROCESSING AND INSTALLATION
Can be cut to size using a sharp insulation knife or a Festool insulation saw.
Mechanical fastening or bonding.



DENIMPANEL
DENIMpanel provides highly effective absorption in combination with PETpanel.

! On request / for specific projects, DENIMpanel can also be supplied made to measure.



	α_w	NRC
DENIMpanel 20 mm	0,45	0,55
DENIMpanel 30 mm	0,55	0,70
DENIMpanel 45 mm	0,80	0,90

* Tested on flat wall, other tests on request.