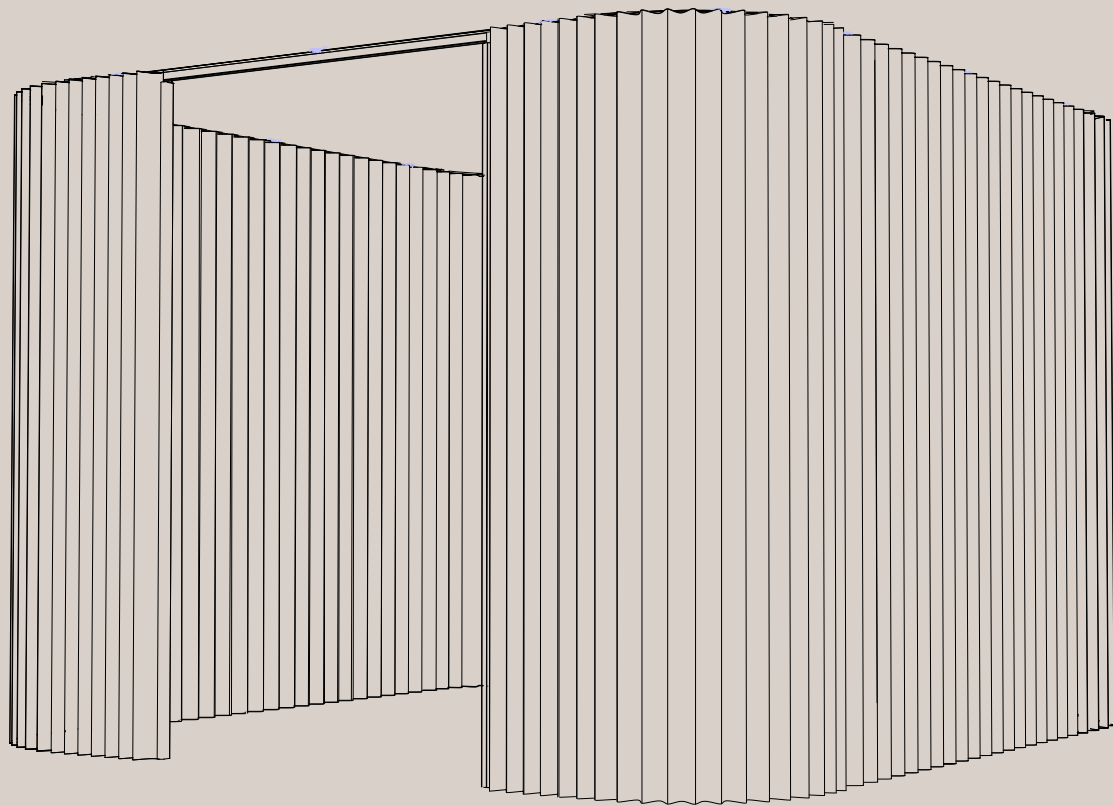




Noren

Acoustic Curtain System

551.10.01.000.10
551.10.02.000.10
551.10.03.000.10

551.20.01.000.10
551.20.02.000.10
551.20.03.000.10

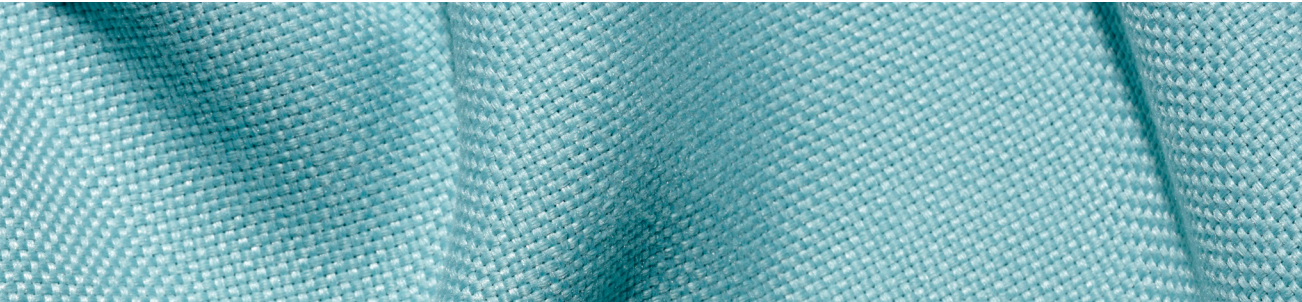
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551.30.02.000.10
551.30.03.000.10

551.40.01.000.10
551.40.02.000.10
551.40.03.000.10

551.00.01.000.00
551.00.02.000.00
551.00.10.000.00

Noren Acoustic Curtain System

General Information



Data

Applicable article numbers

SQUARE 3600	RECTANGLE 4800	CIRCLE 3600	STRAIGHT 2800	ACCESSORIES
551.10.01.000.10	551.20.01.000.10	551.30.01.000.10	551.40.01.000.10	551.00.01.000.00
551.10.02.000.10	551.20.02.000.10	551.30.02.000.10	551.40.02.000.10	551.00.02.000.00
551.10.03.000.10	551.20.03.000.10	551.30.03.000.10	551.40.03.000.10	551.00.10.000.00

Dimensions¹

Height	2700mm	106.30"
Length	See Product Family overview on page 4	

1 - all Imperial dimensions are nominal

Material

Outer Layers	Archisonic® Textile - 100% Recycled Polyester in 36 colors.
Inner Layers	3 layers (acoustic absorbers and blockers)



Extended document available

Weight²

Full assembly	8 kg/lm (±10%)	5.4 lbs/lft (±10%)
---------------	----------------	--------------------

2 - all weight values are nominal

Included

Acoustic Curtain
(5 Layers)



Rails



Installation
hardware



Installation
guide



Warranty
2 years³



3 - Impact Acoustic warranty terms apply

Noren Acoustic Curtain System

Specification Guide

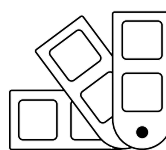
Ensure you make the perfect choice by choosing our solutions for your next project. To get started, simply define some basic information and constraints about your space. Then explore our range of standard solutions or contact us directly for a more in-depth discussion of personalized customized options.

1 Specify your Curtains:



Select the model and
quantity

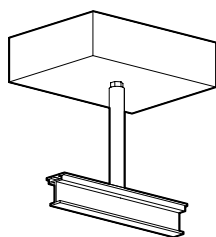
page 4



Colour

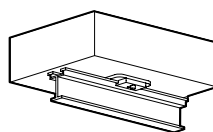
page 8

2 Select installation method:



Offset mount

OPTIONAL ITEM
REQUIRED
551.00.10.000.00

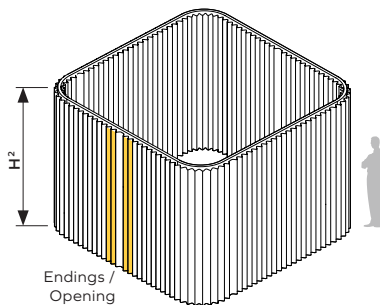
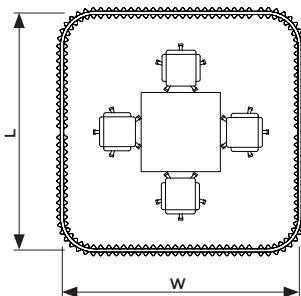


Direct mount

Noren Acoustic Curtain System

Product Family Overview

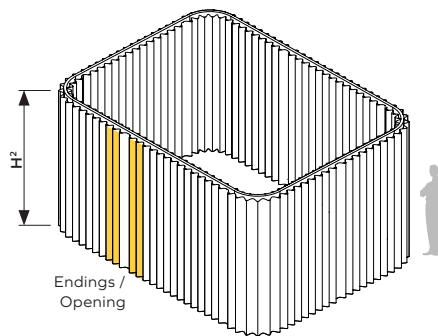
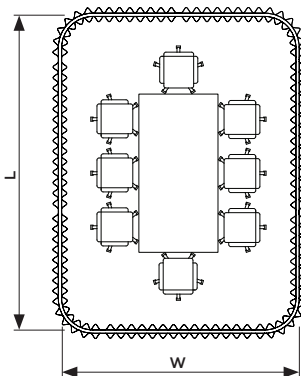
1 Acoustic Curtain enclosures - standard solutions



Noren SQUARE 3600

551.10.01.000.10 / 551.10.02.000.10 / 551.10.03.000.10
551.00.01.000.00

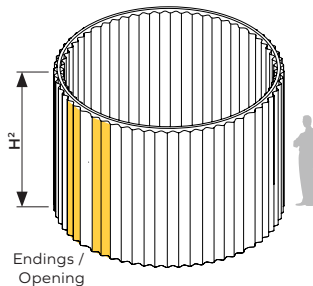
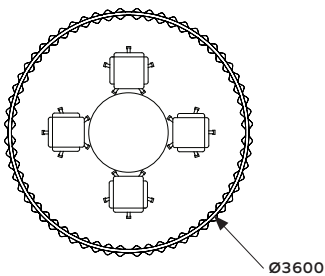
Dimensions (mm): W3600, L3600, H2700
Dimensions (inch): W142", L142", H106"



Noren RECTANGLE 4800

551.20.01.000.10 / 551.20.02.000.10 / 551.20.03.000.10
551.00.01.000.00

Dimensions (mm): W4800, L3600, H2700
Dimensions (inch): W189" L142", H106"

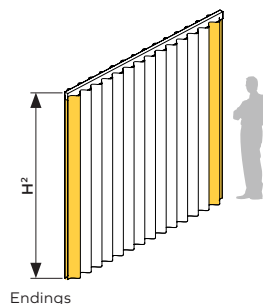
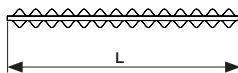


Noren CIRCLE 3600

551.30.01.000.10 / 551.30.02.000.10 / 551.30.03.000.10
551.00.01.000.00

Dimensions (mm): Ø3600, H2700
Dimensions (inch): Ø142", H106"

2 Acoustic curtain dividers - modular solution



Noren STRAIGHT 2800

551.40.01.000.10 / 551.40.02.000.10 / 551.40.03.000.10
551.00.02.000.00

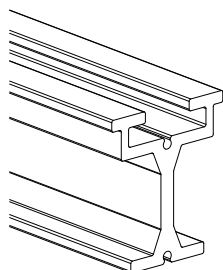
Dimensions (mm): L2800, H2700
Dimensions (inch): L110", H106"

1 - all Imperial dimensions are nominal 2 - from the Floor to the top edge of the Track

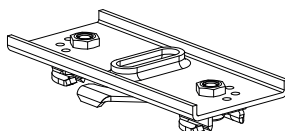
Noren Acoustic Curtain System

Components

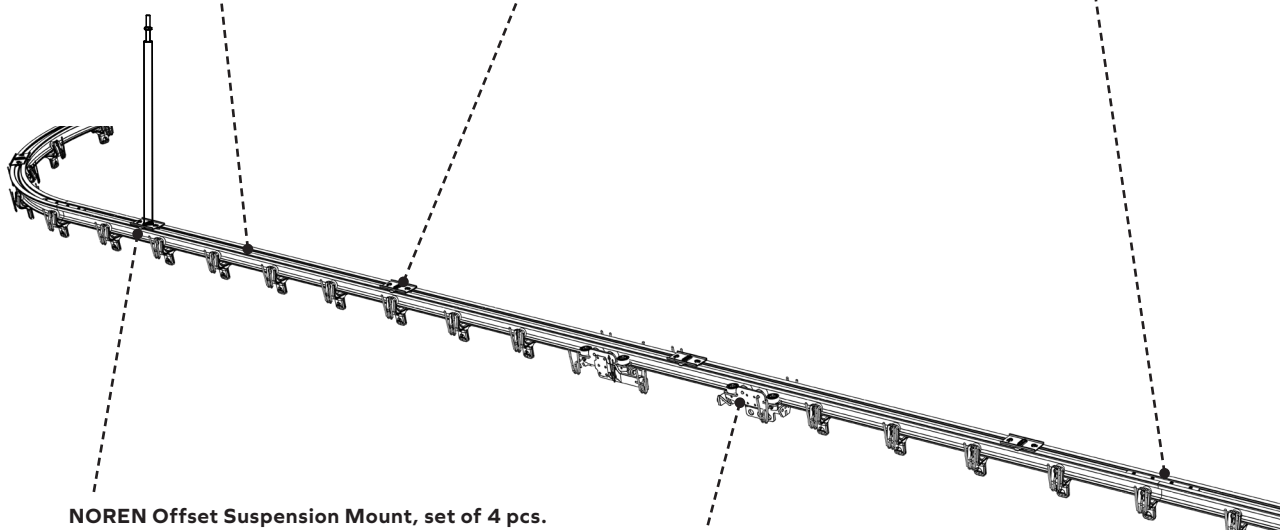
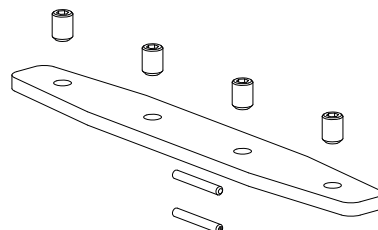
Track
Aluminium, black anodised



Track Mounting Plate
Stainless steel



Track Connector,
incl. pins
Steel, black powder-coated

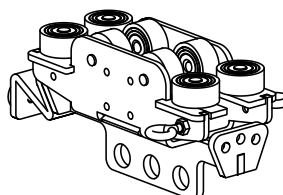
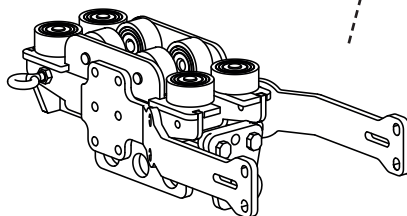


NOREN Offset Suspension Mount, set of 4 pcs.
Steel galvanized and black
powder-coated

OPTIONAL ITEM SET: 551.00.10.000.00



Main Carrier pair, magnetic
Steel, black powder-coated



Carrier
Plastic, black



Noren Acoustic Curtain System

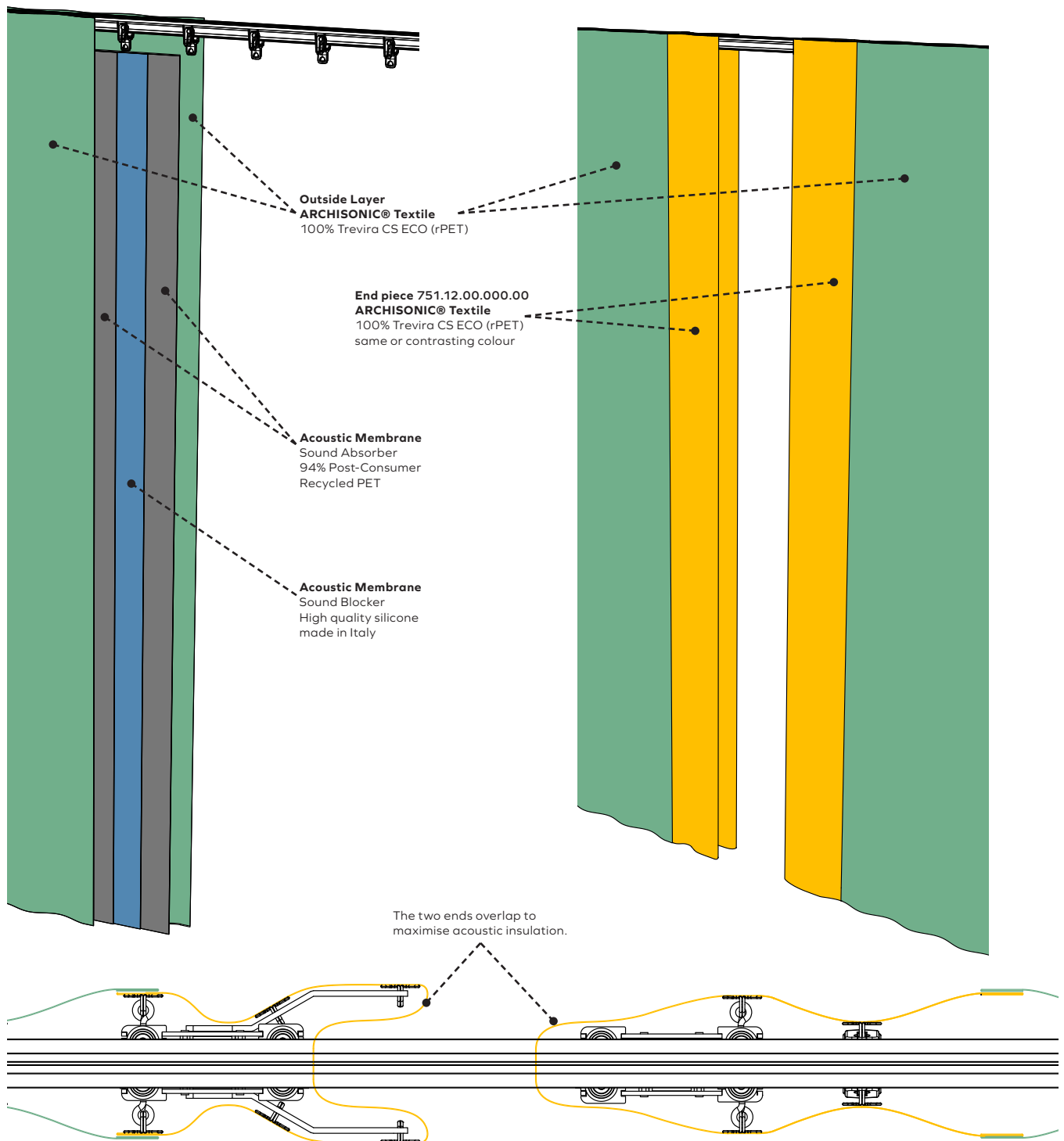
Composition

Layers

The composition of the curtain is optimised to achieve highly effective sound insulation and absorption with as little material as possible.

End piece 551.00.01.000.00 / 551.00.02.000.00

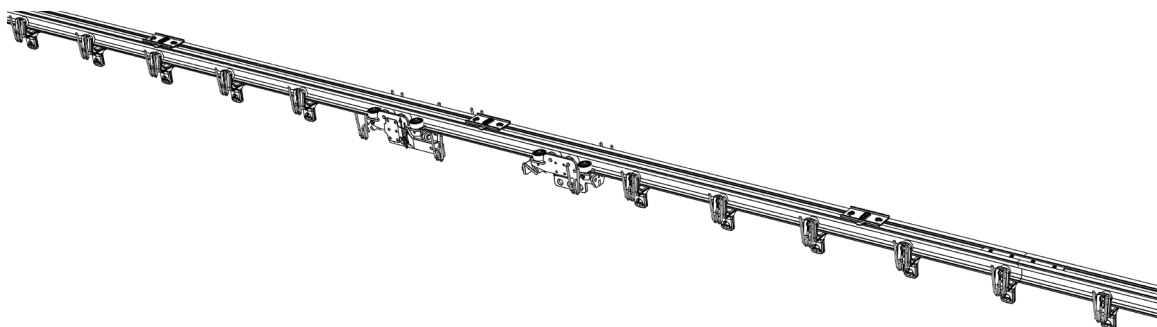
The ends of the curtain can have the same colour as the curtain or be ordered in a different colour. Depending on local regulations, a contrasting colour of the ends may be mandatory, please check your local regulations.



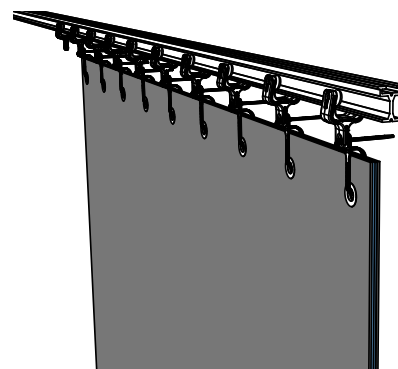
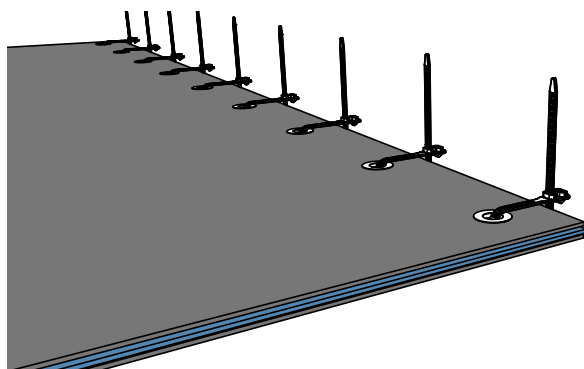
Noren Acoustic Curtain System

Installation Overview

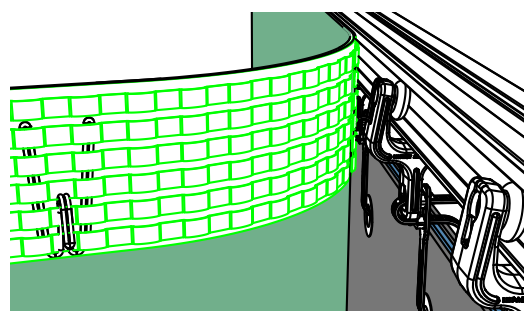
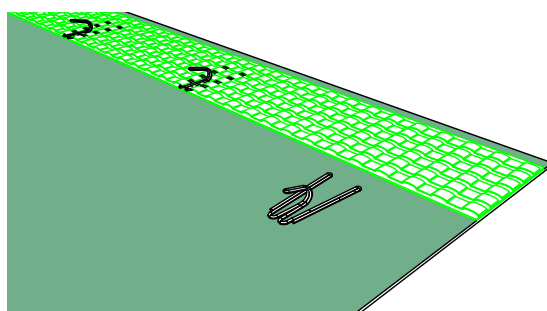
1 Installing the track rail and roller carriers



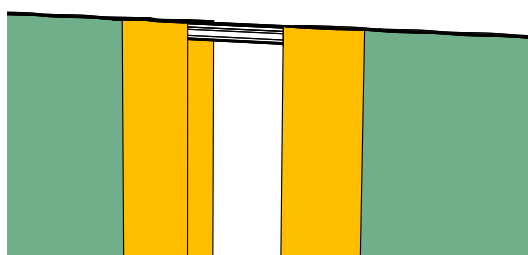
2 Install inner layers



3 Install the tracks and carriers

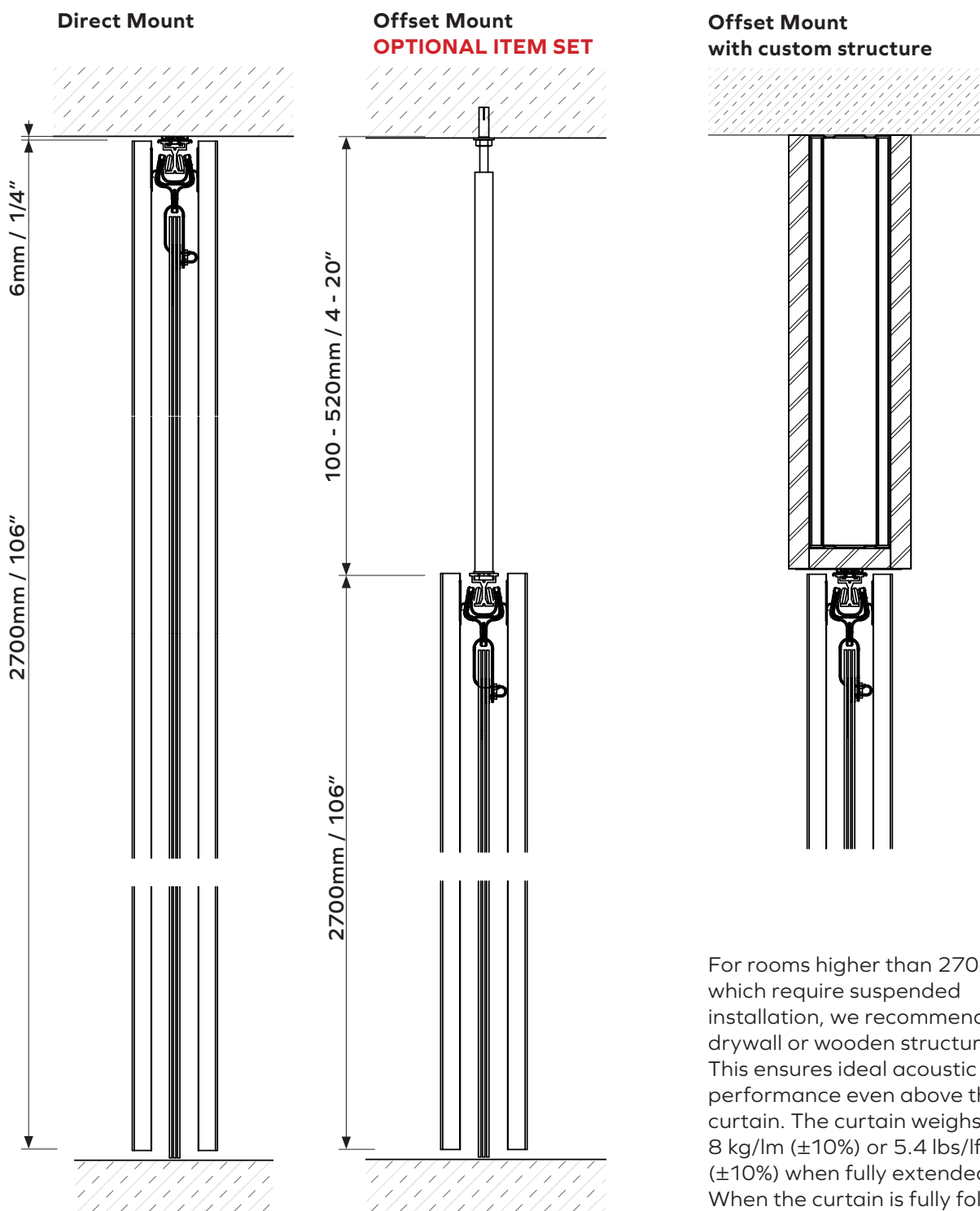


4 Install end pieces



Noren Acoustic Curtain System

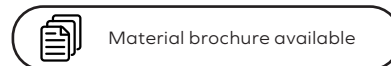
Mounting Options



If the suspended area is not covered, considerable acoustic losses must be expected.

For rooms higher than 2700mm, which require suspended installation, we recommend a drywall or wooden structure. This ensures ideal acoustic performance even above the curtain. The curtain weighs 8 kg/lm ($\pm 10\%$) or 5.4 lbs/lft ($\pm 10\%$) when fully extended. When the curtain is fully folded, it can weigh up to 35kg/lm or 24 lbs/lft. Therefore, check the local conditions with your installer in order to plan and realise a suitable structure.

ARCHISONIC® Textile Colors



Name	Snow White	Milk	Cloud	Gull	Smoke	Ground	Charcoal	Slate	Raven
Code	500	404	103	144	442	108	542	444	550
NCS	S 0300-N	S 0502-Y	S 1002-B	S 2502-Y	S 3005-R80B	S 5005-Y20R	S 7502-B	S 4500-N	S 8500-N

Name	Nordic Pine	Grove	Fern	Moss	Spearmint	Ice Blue	Succulent	Deep Sea	True Navy
Code	311	317	180	439	706	304	712	918	194
NCS	S 5030-G10Y	S 7020-G30Y	S 6010-G90Y	S 2040-G40Y	S 1010-B90G	S 0510-B	S 3020-B30G	S 5020-R90B	8005-B

Name	Lichen	Linen	Shell Pink	Jute	Warm Stone	Terracotta	Soft Coral	Honeycomb	Sunshine
Code	160	107	102	920	105	239	516	139	846
NCS	S 4005-Y	S 1505-Y30R	S 0510-R30B	S 3010-Y30R	S 3010-Y50R	S 4040-Y70R	S 2020-Y90R	S 2050-Y20R	S 1040-Y10R

Name	Garnet	Hot Pink	Poster Red	Electric Orange	Winter Sky	Pacific Ocean	Midnight	Grape	Marine Blue
Code	724	140	662	464	311	432	810	540	864
NCS	S 5040-R10B	S 2060-R20B	S 1080-R	S 0580-Y70R	S 2020-R90B	S 3040-B	S 7020-R70B	S 5040-R40B	S 4050-R70B

These NCS codes are the closest visual match available and may not be exact to blended fibres.

ARCHISONIC®

Colors

Experience our ARCHISONIC® with a stunning selection of 36 colors across 8 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colors harmoniously to suit your preferences. Discover more in our Materials brochure and order your free sample box today.

Color fastness

Class 6

ISO 105-B02:A1

Order a free sample box



Noren Acoustic Curtain System

Acoustic Performance

Testing Standards

ISO 10140-2	Acoustics — Laboratory measurement of sound insulation building elements — Part 2: Measurement of airborne sound insulation
ISO 717-1:2020	Acoustics — Rating of sound insulation in buildings and of building elements — Part 1: Airborne sound insulation
ASTM E90-09	Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
ASTM E413-16	Classification for Rating Sound Insulation

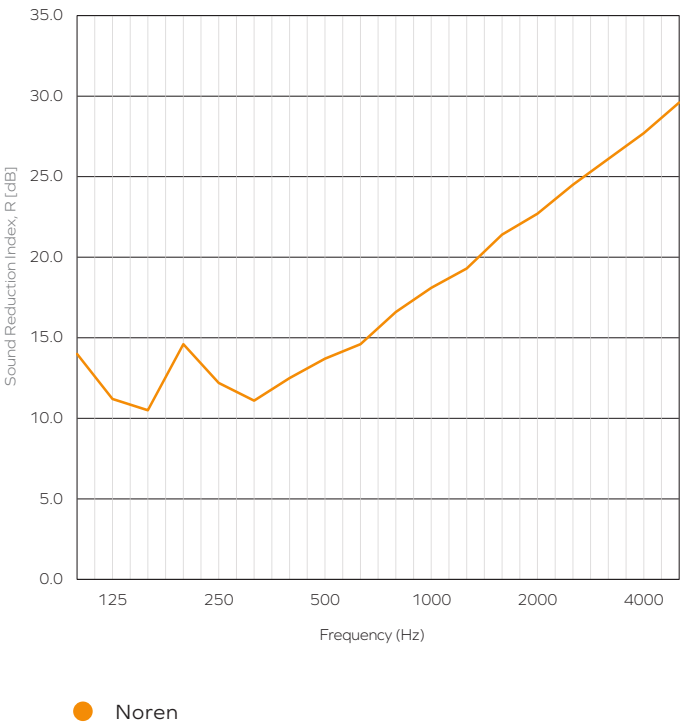
Acoustic Test Result	Airborne Sound Insulation Rating	Sound Transmission Class
Noren	Rw (Ctr) = 18 (-2) dB	STC 18

Rating according to ISO 717-1 and ASTM E413-16.

Acoustic Performance

Frequency (Hz)	Sound Reduction Index, R [dB]
100	14.0
125	11.2
160	10.5
200	14.6
250	12.2
315	11.1
400	12.5
500	13.7
630	14.6
800	16.6
1000	18.1
1250	19.3
1600	21.4
2000	22.7
2500	24.5
3150	26.1
4000	27.7
5000	29.6

Evaluation based on laboratory measurement results obtained in one-third octave bands by an engineering method.



Noren Acoustic Curtain System

Acoustic Performance



Testing Standards

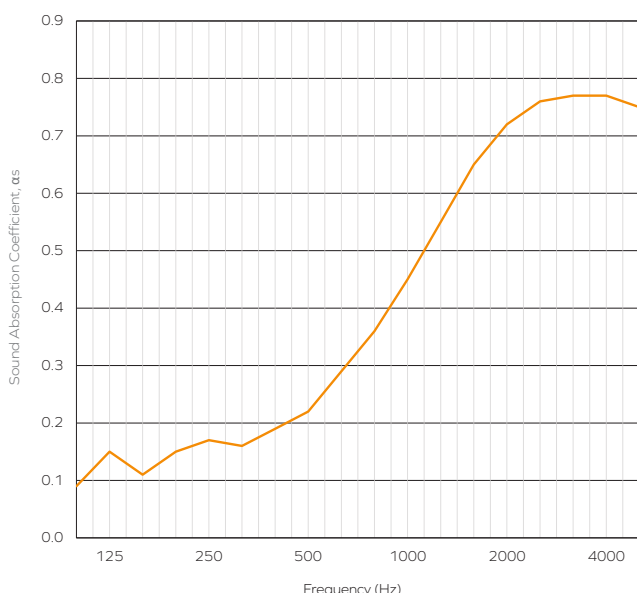
ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound reduction of elements based on laboratory measurements
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests

Acoustic Test Result	α_w	SAA	NRC
Noren	0.35 (H)	0.39	0.40

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

Acoustic Performance

Frequency (Hz)		125	250	500	1000	2000	4000
Noren	α_p	0.10	0.15	0.25	0.45	0.70	0.75



● Noren

The table represents the practical sound absorption coefficient (α_p) in accordance with ISO 11654. The graph represents the sound absorption coefficients (α_s) in the third octave band center frequencies in accordance with ISO 354. Measurement used Pink Noise as excitation signal in a reverberant room. The test specimen is mounted free-standing in the reverberant room in a manner that simulates the actual installation of the product.

Acoustic Curtain System

Additional Information

Online Resources

A variety of resources are available online for all of our products. Please visit the product's page for more information.



CAD files



Spec sheets and
Installation Guide



Color families



Instruction
videos



Associated
products specs.

Ordering Process

Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days¹ from your first point of contact, allowing you to focus on what truly matters to you.



Contact our
consultant

Quote¹

48h



Order Confirmation

Production¹

6 - 8 Weeks



Dispatch

Transit

location based



Delivery

Contact Us

Ready to make an impact? We are just an email or call away to discuss your project and answer any question.



+41 41 244 14 00



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

IMPACT ACOUSTIC®
Noren Curtain System rev.01 - 24.03.25

(Switzerland)
(USA)
(Philippines)

connect@impactacoustic.com
usa@impactacoustic.com
philippines@impactacoustic.com

(+41) 41 244 14 00
(+1) 646 918 1581
(+63) 285 80 02 50

#WeMakeAnImpact

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Impact**

connect@impactacoustic.com | www.impactacoustic.com