



SOUNDSCAPES® BLADES

Inspiring Great Spaces™

**Armstrong**®  
CEILING SYSTEMS



## SOUNDSCAPES® BLADES **NEW**

Define your interior space with Armstrong SOUNDSCAPES Blades, which feature a sleek and exciting design combined with excellent sound absorption, making it an ideal solution for noisy environments.

### KEY SELECTION ATTRIBUTES

- Modern baffle blade visual
- High acoustic performance
- Cost effective and easy to install
- Simple Installation - individual or in groups possible
- Easy integration with mechanical services
- Custom sizes and colors on request
- Durable, high light reflective finish (std. white)

### TYPICAL APPLICATIONS

- Office
- Education
- Reception and Lobbies
- Restaurants and Lounges
- Leisure centres
- Transport terminals (Airport and Metro hubs)
- Naturally lit areas with skylights



### COLOR SELECTION



Traffic White



Light Ivory



Pale Green



Pastel Blue



Traffic Grey



Pale Brown



#RAL colours

\*Due to printing limitations, shades colours may vary from actual product.

#Minimum order quantity (MOQ) 100m<sup>2</sup> for RAL shades. RAL shades are for color co-ordination purpose only.

# PRODUCT SELECTION

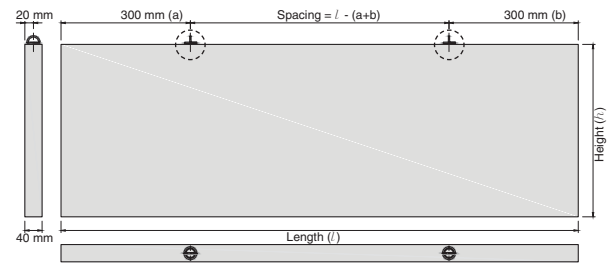
Item no.	Dimensions	Pieces/Carton	Weight/Carton
CS201240WH	200 x 1200 x 40 mm	4	9.54 kgs
CS201640WH	200 x 1600 x 40 mm	4	12.55 kgs
CS401240WH	400 x 1200 x 40 mm	2	9.54 kgs
CS401640WH	400 x 1600 x 40 mm	2	12.55 kgs
CS401840WH	400 x 1800 x 40 mm	2	14.05 kgs
CS501240WH	500 x 1200 x 40 mm	2	11.57 kgs
CS501640WH	500 x 1600 x 40 mm	2	15.22 kgs

\*Custom sizes can be made available upon request.

\*\*SoundScapes Blades with 50mm thickness can be made available upon request.

## Dimensions

### Typical Blade Module



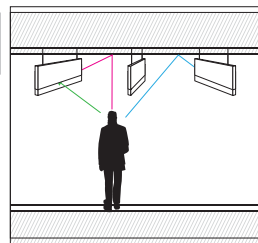
# PERFORMANCE



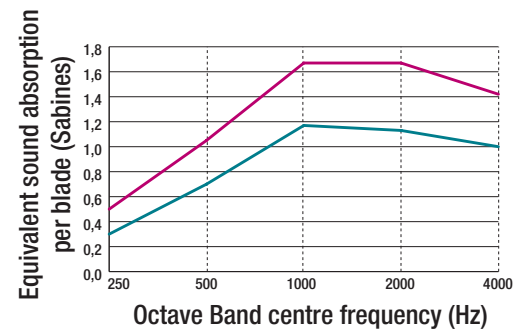
Armstrong SOUNDSCAPES Blades can significantly reduce background noise levels and reverberation time within spaces and enhance speech intelligibility. They provide absorption on all surfaces of the product either as a 'planar' absorber ( $\alpha_w$ ), when installed as a linear array; or as a 'discrete' absorber (EAA) when installed as separate decorative elements.

## Acoustical Data

Dimensions	EEA - Sabines*
● SOUNDSCAPES Blades - 400 x 1200 mm	1.00
● SOUNDSCAPES Blades - 400 x 1800 mm	1.45



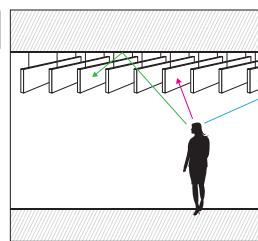
Discrete absorption



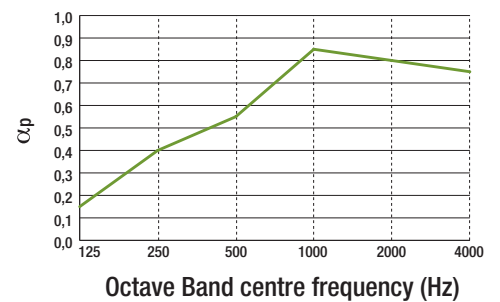
\* Average of 500-4000Hz, laboratory measurements with units suspended at 1000 mm, in accordance with EN ISO 354:2003. Contact the Armstrong Technical Sales team for further acoustic and performance information.

## Acoustical Data

Dimensions	NRC
● SOUNDSCAPES Blades 400 mm (450 mm centres)	0.65



Planar absorption



## Fire reaction



EN 13501-1  
EEA Euroclass B-s1, d0.

## Humidity resistance



## Recycled content



EN ISO 14021

## Light Reflectance



EN ISO 7724-2 & 3  
Contributing to a light, bright interior with reduced energy demand.

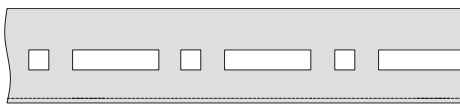
# SUSPENSION SYSTEM OPTIONS

## Option 1: Grouping blades with U-profile

SOUNDSCAPES Blades can be suspended with equidistant spacing using the universal U-profile and U-profile hanger.

### Grouping blades installation accessories

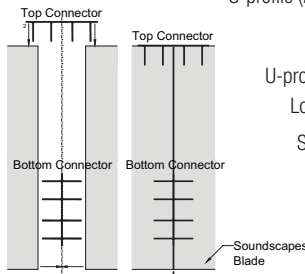
Item no.	Description
IND300100B	U-profile (Black)
BPCS5547	U-profile Hanger Kit consisting of Hanger - 12 Pcs/kit Snap Hook - 12 Pcs/kit
UNI-200	Locking Clip
UNI-103	U-profile Connector
BPCS5549	Blades Connector kit consisting of Bottom Connector - 10 Pcs/kit Top Connector - 10 Pcs/kit



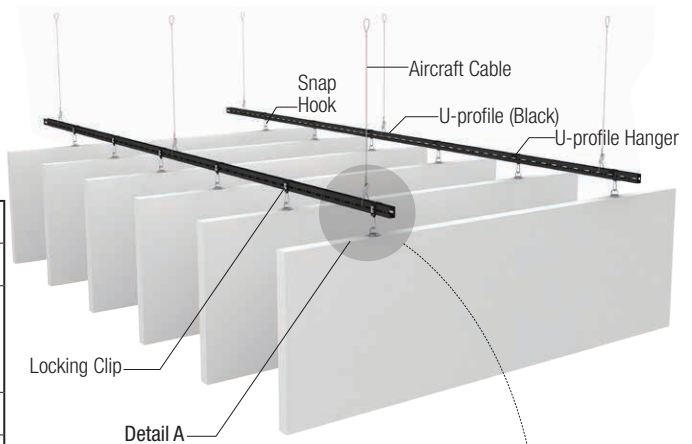
U-profile



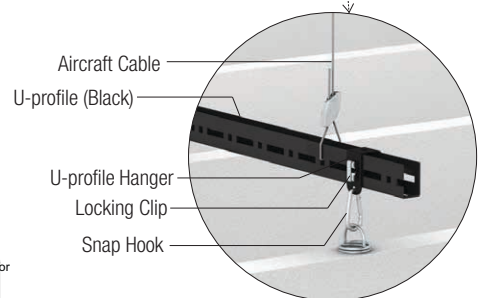
Locking clip   Snap hook   U-Profile Hanger   Bottom Connector   Top Connector



Blade Connector Kit Detail



Installation Detail with U-profile



Detail A

## Option 2: Grouping blades with Prelude 38

SOUNDSCAPES Blades can be installed below 600 x 600mm ceiling grids, by grouping blades with Prelude 38 option. Blades can be suspended at equidistant spacing with this option.

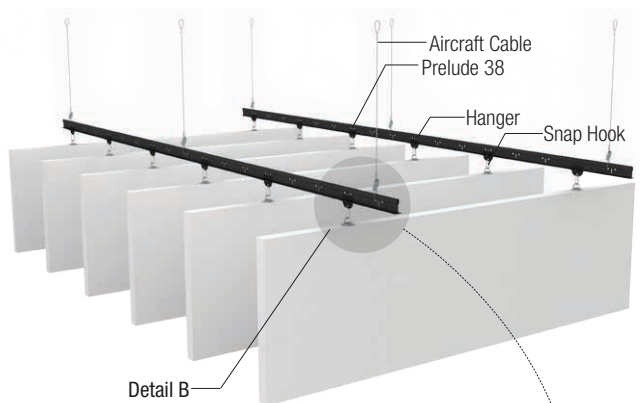
Item no.	Description
BPCS5548BZC	Prelude Hanger Kit consisting of Hanger - 24 Pcs/kit Snap Hook - 12 Pcs/kit
BP7342101BKI	Prelude 38



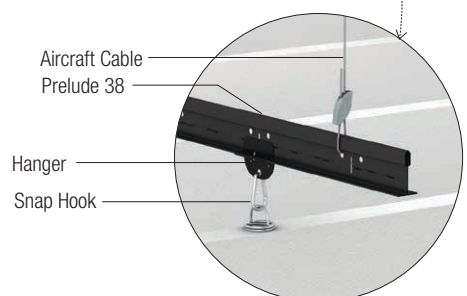
Prelude 38



Snap hook   Hanger



Installation Detail with Prelude 38



Detail B

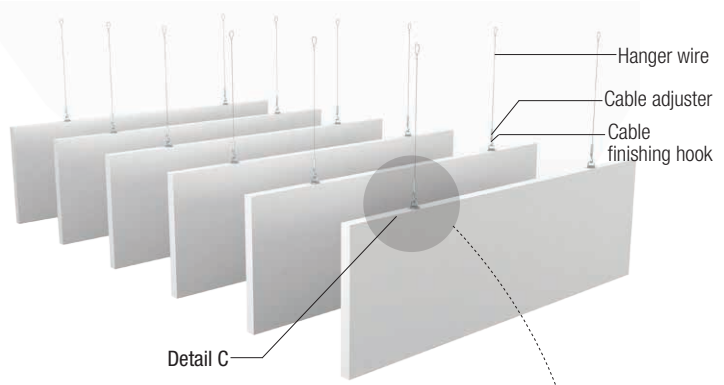
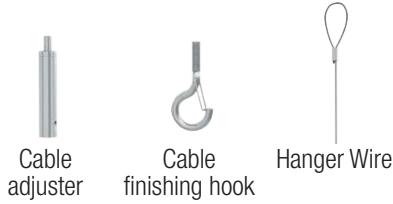
# SUSPENSION SYSTEM OPTIONS

## Option 3: Individual Suspension with hanger wire kit

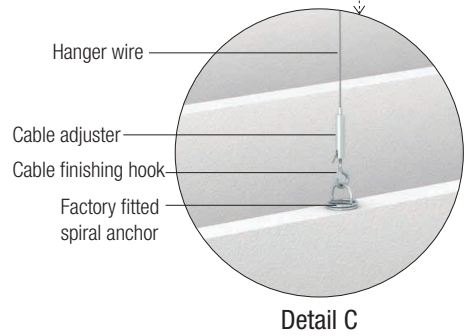
SOUNDSCAPES Blades can be independently suspended using Hanger Wire Kit. This gives a non-grid visual.

### Individual blades Installation accessories

Item no.	Description
BPCS5135	Hanger Wire Kit consisting of Cable adjuster - 4 Pcs/kit Cable finishing hook - 4 Pcs/kit Hanging Wire - 4 Pcs/kit



Installation Detail with Hanger Wire Kit



Please refer the Installation Guide for more detailed installation instructions.

# PHYSICAL DATA

### Material

SOUNDSCAPES Blades 40mm thick with glass wool core.

### Surface Finish

Laminated painted scrim on all sides. Standard Traffic White has energy saving, high light-reflective finish (LR 0.87).

### Design Considerations

To avoid surface damage, take special care while handling and installation of the product.

### Fire Performance

SOUNDSCAPES Blades material is classified as Class B-s1,d0 as per EN13501-1. SOUNDSCAPES Blades, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

### Recommended Suspension Systems

SOUNDSCAPES Blades can be suspended using U-profile system, Prelude 38 grid system or can be suspended individually using the deck hanging kit.

### Blade Weight

Blade weight depends the size of the blade and varies between 2.4kgs/blade for 200 x 1200 x 40 mm upto 7.16kgs/blade for 500 x 1600 x 40 mm blade size.

Dimensions	Weight (Kgs/Pc)
200 X 1200 X 40 mm	2.39
200 X 1600 X 40 mm	3.14
400 X 1200 X 40 mm	4.77
400 x 1600 X 40 mm	6.27
400 x 1800 X 40 mm	7.03
500 x 1200 X 40 mm	5.79
500 x 1600 X 40 mm	7.61

### Warranty

One (1) year limited warranty.

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