

## **PRODUCTS**

### **ARTÉ NEED - VERSATILE AND CREATIVE COMFORT ACCESSORIES**

Arté Need is a line of sound absorbing panels with a creative and versatile look, in contemporary style. Versatile and practical, they are used in ceiling and wall applications, as desk panel or divider

### **ARTÉ FEEL - SENSORY EXPERIENCE OF ACOUSTIC COMFORT AND BEAUTY**

Arté Feel is the anti-reverberation decorative solution with a refined design. The artisan stitching on the perimeter offers an original touch, revealing accents of strong personality. Ideal for ceiling and wall applications, as a desk panel or divider.

### **ARTÉ CURVE - SOFT AND SINUOS SHAPED PANELS**

Thanks to the special application of polyester upholstery fabric, Arté Curve panels are characterized by soft, sinuous shapes, perfect for outlining, designing, and decorating quiet, restful, and welcoming spaces.

### **ARTÉ JUST - THE SIMPLICITY THAT GENERATES VALUE**

Arté Just is composed of an essential formula that enhances the speed of delivery and emphasizes the convenience of a smart solution. It is ideal for the application in adhesion on the walls, through use of simple gluing or with low-thickness magnets.

### **ARTÉ STANDING AND DESK - THE BEST OPERATIONAL AND FUNCTIONAL EFFICIENCY**

The Artè Standing panels, which can be realized in the Feel and Need models, allow to subdivide offices and rooms in a way that not only ensures better operational and functional efficiency but also provides an effective anti-reverberation solution. The same concept applies to the Artè Desk panels that can transform any workstation into an oasis of peace, privacy, and safety.

### **MYARTÉ - FREE TO CREATE**

The MyArtè panels are made-to-measure, according to the customer's designs, in any form. The covering can also be customized with images and photographs printed directly via inkjet onto the fabric because art means unrestrained creativity.

### **ARTÉ STANDING UP - THE BEST OPERATIONAL AND FUNCTIONAL EFFICIENCY**

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### **ARTÉ PHONE BOX - QUIETNESS AND PRIVACY SPACES**

Over the years, the use of large public spaces has changed, especially thanks to the spread of smartphones and tablets. Increasingly, there is a need to create spaces dedicated to quietness and privacy within, to allow visitors to focus on their activities – be they professional or personal – in complete comfort.

### **ARTÉ LIGHTING - A NEW EVOLVED EXPRESSION**

With Artè Lighting, anti-reverberation solutions find a new and evolved form of expression. Thanks to the inclusion of luminous LED lights within the structure of the panels.

## **APPLICATION METHODS**

### **ACCESSORIES**

#### **WALL MAGNET APPLICATION**

The magnetic fixing is ideal for a quick, precise, and immediate application of the panels on the wall: the metal disk is screwed to the structure in correspondence to the edges of the panel, while the neodymium magnet is properly screwed to the wall locks and keeps the panel fixed.

#### **CEILING UP MAGNET APPLICATION**

The use of magnets is also ideal for ceiling application, the metal discs are welded to the panel by screws, and, with a simple contact, they adhere to the magnets applied with dowels to the ceiling.

#### **FELL BAFFLE APPLICATION**

The baffle ceiling application of the Artè Feel panels is done with great simplicity by fixing the hooks to the thickness of the panel, the clamps are screwed to the hooks, and this allows you to hold and adjust the length of the cables that are hooked to the ceiling.

#### **NEED BAFFLE APPLICATION**

The Baffle ceiling application is simple for Artè Need panels and it's done by screwing the clamps into the pre-drilled thickness of the panel. Likewise, the cable hooks onto the ceiling through the cone and you can adjust the length through the slip mechanism present inside the clamp, which once in position holds it.

#### **CEILING DOWN APPLICATION**

For the ceiling application of Artè panels, very few moves are needed: after passing each cable in the respective cone and fixing this last to the ceiling, you screw the clamp to the Artè panel into the prepared holes and pass the cable inside the clamps that allows a millimeter adjustment of the length of each cable.

#### **DESK APPLICATION**

The metal clamps for desk are designed to accommodate the thickness of the Artè Feel panels mount very quickly. Thanks to their configuration, they fit to the edges of the desk or are placed in simple support between two desks. They are available with matt paint in the colors white, black and grey.

#### **STANDING DOWN APPLICATION**

Artè panels can be used as environment separators, thanks to two different types of support that ensure a vertical position: the foot to be fixed with screws or the external interlocking foot: both available in white, black, and gray with matte finish.

#### **STANDING UP APPLICATION**

The kit to create sliding separators with Artè Need panels full height, ensures a new functionality in this application. The rails are fixed to the ceiling using the key supports that hold them with a simple joint. By using the hooks screwed into the thickness of the panel Artè Panels connect to the cursors that slide inside the track. The result is a fluid movement, which allows you to transform the space.

#### **PRINTING ARTÈ**

The coating of the Artè panels can be customized with images and photos printed directly in sublimation on the fabric, because art, by definition, is creativity without limits.

## **MATERIALS**

### **POLYESTER FIBER**

The sound absorbing soul of the Artè panels is made with an exclusive polyester. The polyester fiber obtained from the process recovery is carded, braided, and agglomerated in a mat, whose thickness and density are studied specifically to optimize the acoustic performance of sound absorption. The material obtained does not dust and deteriorate over time and cannot be attacked by microorganisms.

### **INFINITE COLOUR CHOICE**

All Artè panels are upholstered in Trevira CS fabric, available in 4 types of weaves with an extensive range of more than 200 colour degree.

# **SOUND ABSORBING INTRODUCTION / SERVICES**

## **SOUND-ABSORPTION**

Sound absorption is the ability of a material to draw in sound energy. An element that is flexible and porous increases the dissipation of sound energy, as its surface starts to vibrate.

The Artè sound absorbing panels allow to effectively and acoustically correct the reverberation that commonly affect very large and / or crowded indoor environments, to achieve the utmost acoustic comfort.

DPS Solving Acoustic Division offers a dedicated consultancy and design service based on two different data collection methods.

- Analysis of the room characteristics, based on the given planimetry and on the calculation of the estimated sound absorption behavior of the materials.
- Analysis of the sound-level test results performed on site.

## **SIMULATION OF THE ACOUSTIC BEHAVIOR AND IMPROVEMENT**

As an alternative to the sound-level test, the project comes developed starting from the analysis of a 2D plan of the room provided by the customer.

The technicians of Acoustics Division analyze the sound absorption coefficients of all different surfaces and represent in a graph the acoustic trend of the current situation, compared to the optimal reverberation time curve.

The simulation is then carried out of the intervention in the design phase, through the graphical representation of the quantity and the arrangement of the Artè panels, and by estimating the expected acoustic behavior in that context, in relation to the optimal curve taken as a reference.

## **SOUND LEVEL TEST**

The technician of DPS Solving Acoustics Division performs a test with the sound level meter in the environment to be analyzed, following the procedure indicated by UNI EN ISO 3382-2:2008. The test consists in the generation of an acoustic impulse and the recording of the reverberation times in the current state. Based on the results found, it develops a project on the dimension and the position of Artè panels. The graphic shows the time curve optimal reverberation and the two curves representing the data recorded by the sound level meter, before and after the insertion of the Artè sound absorbing panels inside the room, demonstrating the clear improvement of acoustic performances, which in fact go to trace the reference curve.

## **PROJECT DESIGN**

The technicians of DPS Solving Acoustic Division work out an entirely 2D simulation of the project - or alternatively they make a 3D photo insertion on the photo provided by the customer - to offer an immediate visual representation of the composition and the arrangement of the Artè solution suggested, considering the sound level meters analysis (measured or estimated) previously illustrated.

## **PROJECT REALIZATION**

Based on the project developed, Artè panels - in shapes, models and types of fabrics chosen - are installed in the room. The installation is simple and fast, thanks to the accessories of fixing of the Artè range.