

# LADiN

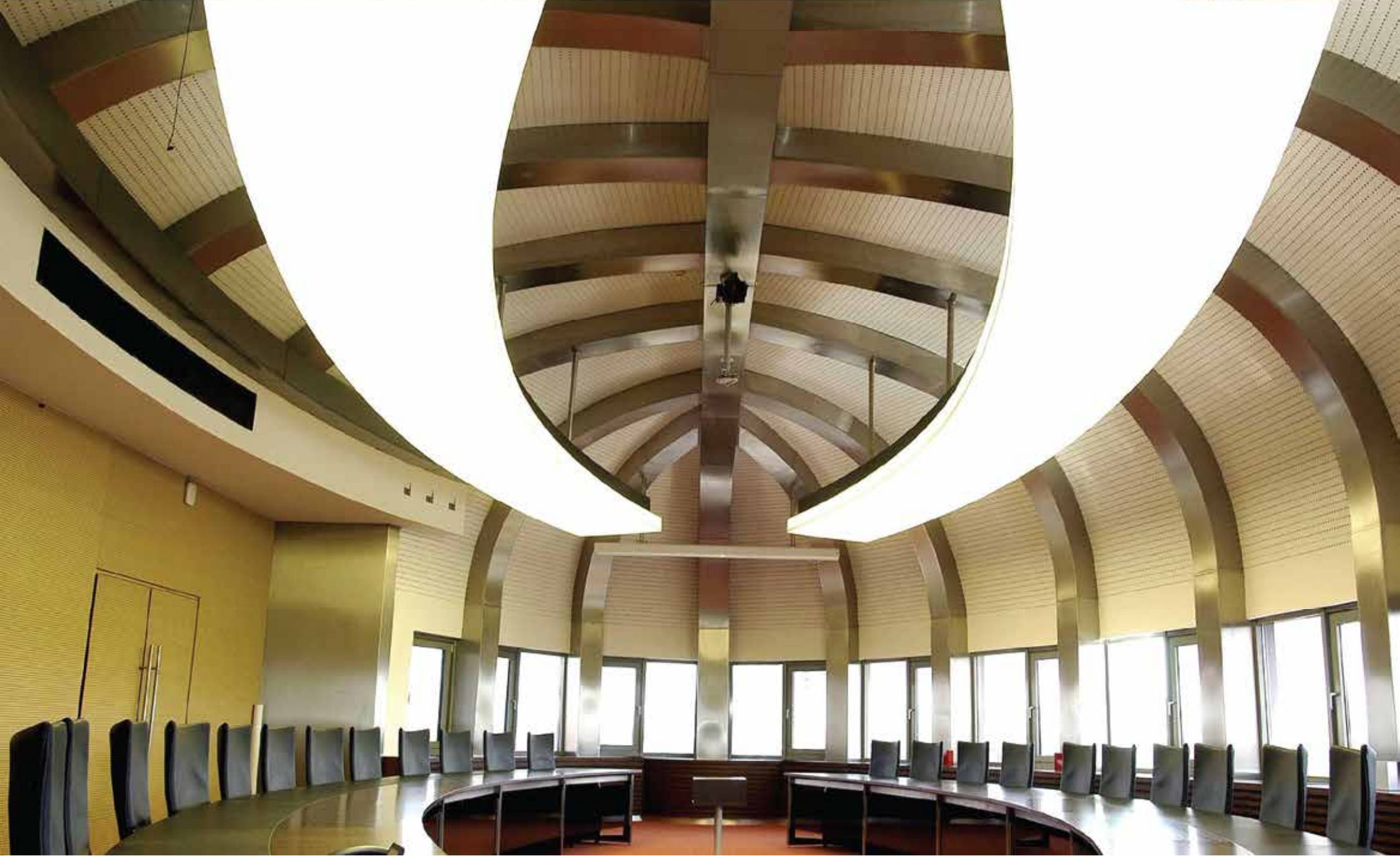
## YAPI SİSTEMLERİ

### **Acoustic Gypsum Panels**

#### **Technical Data Sheet**

15mm	Circular Perforation
12mm	Circular Perforation
6mm	Circular Perforation
8-12mm	Circular Perforation
3x3mm	Square Perforation
12mm	Square Perforation

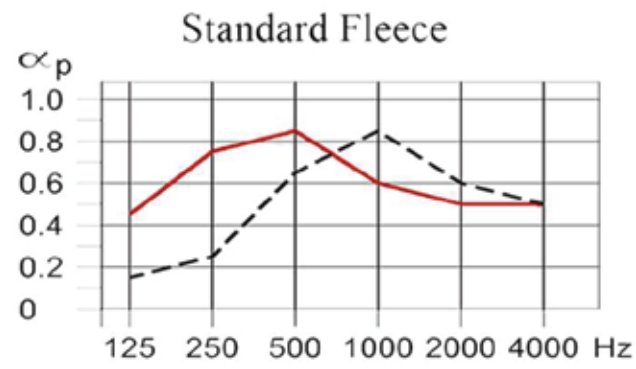
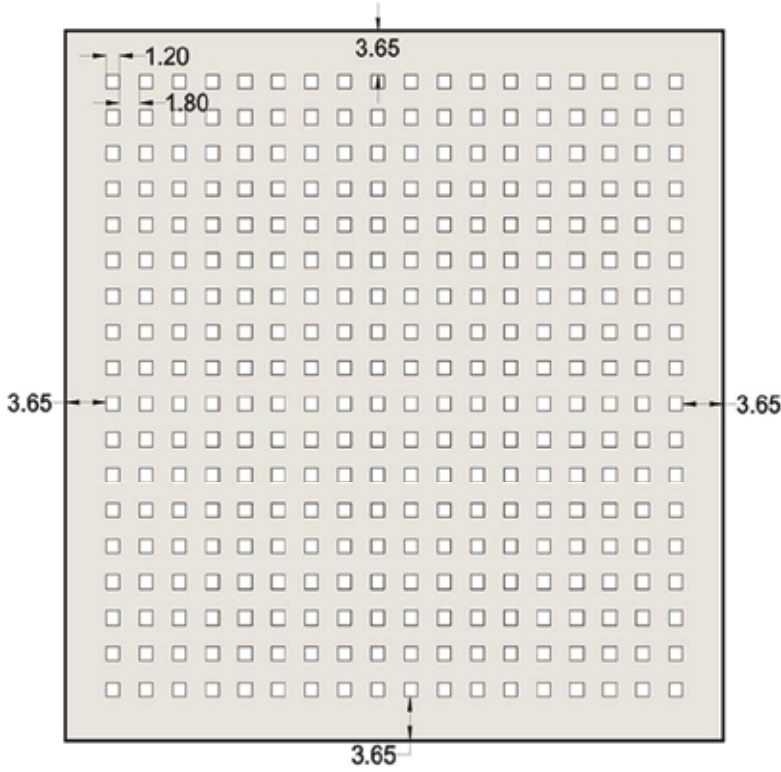
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[www.ladinyapi.com](http://www.ladinyapi.com)



Acoustic Design Ceiling

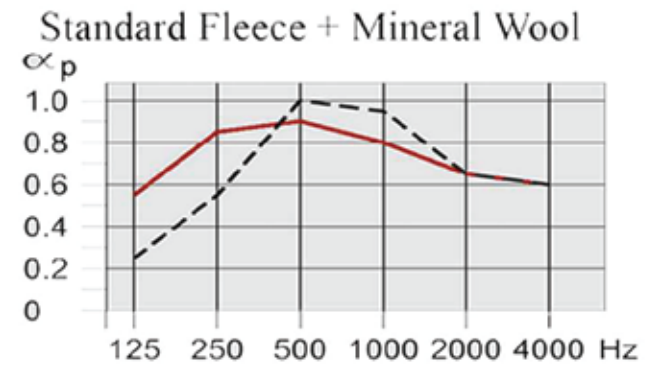
12 mm Square Perforation

Perforation ratio: 18.0 %



plenum height 60 mm -----  
 $\alpha_p$  **0.15 0.25 0.65 0.85 0.6 0.5**  
 $\alpha_w = 0.55$  (M) class: D (absorbent)

plenum height 200 mm -----  
 $\alpha_p$  **0.45 0.75 0.85 0.6 0.5 0.5**  
 $\alpha_w = 0.60$  (LM) class: C (highly absorbent)

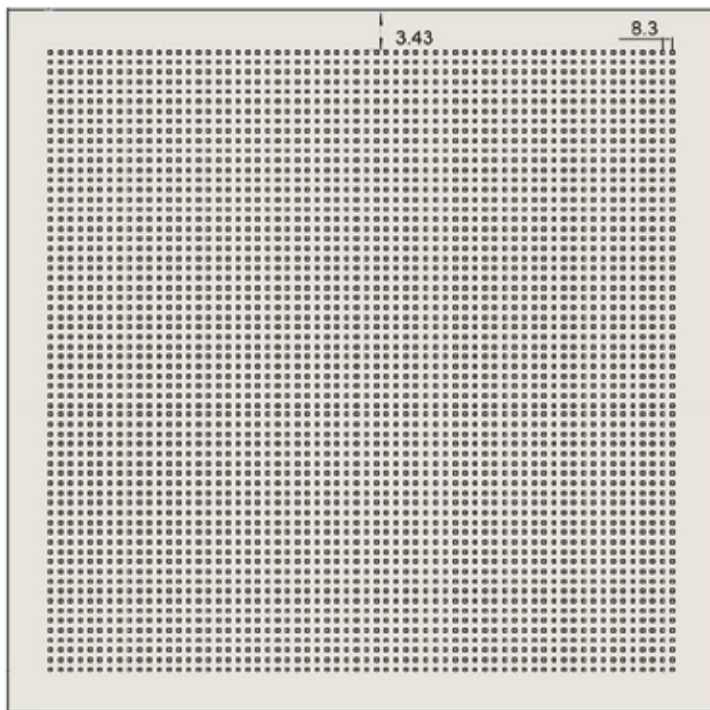


plenum height 60 mm -----  
 $\alpha_p$  **0.25 0.55 1 0.95 0.65 0.6**  
 $\alpha_w = 0.70$  (M) class: C (highly absorbent)

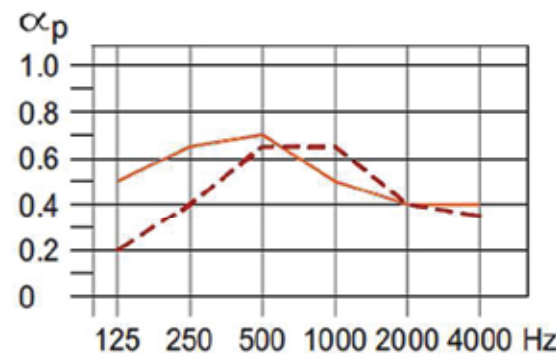
plenum height 200 mm -----  
 $\alpha_p$  **0.55 0.85 0.9 0.8 0.65 0.6**  
 $\alpha_w = 0.70$  (L) class: C (highly absorbent)

3x3 mm Square Perforation

Perforation ratio: 10.2 %

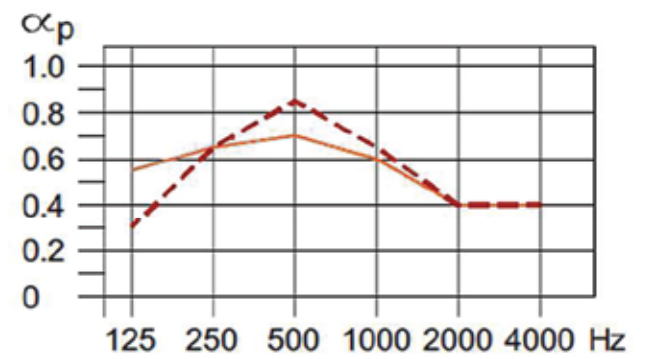


Standard Fleece



$\alpha_p$  **0.2 0.4 0.65 0.65 0.4 0.35**  
 $\alpha_w = 0.45$  class: D (absorbent)

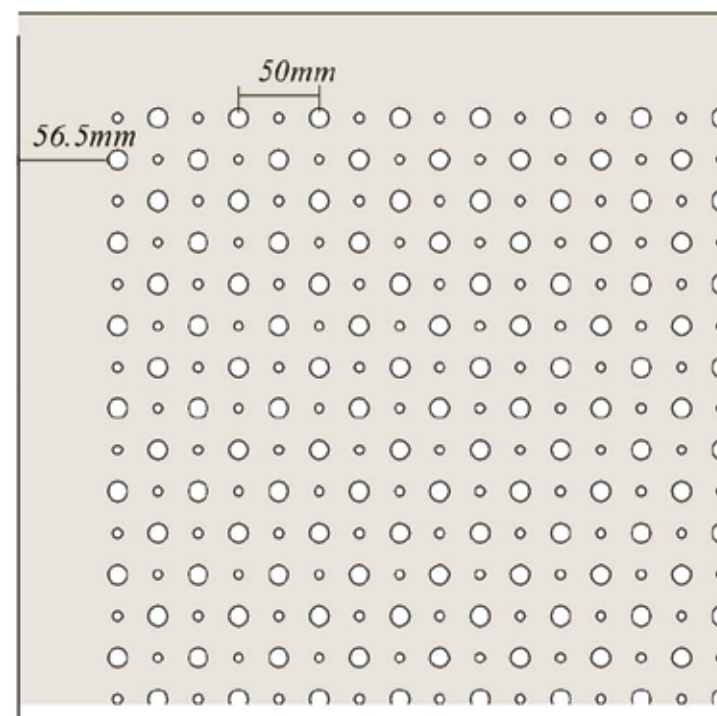
Standard Fleece + Mineral Wool



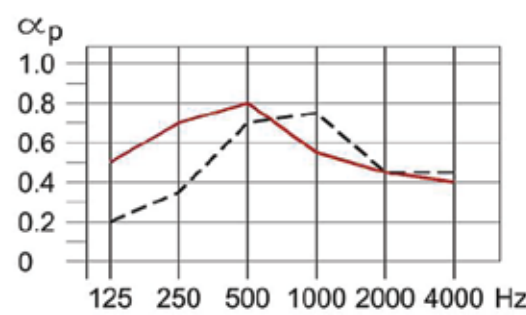
$\alpha_p$  **0.3 0.65 0.85 0.65 0.4 0.4**  
 $\alpha_w = 0.50$  (LM) class: D (absorbent)

8-12 mm Circular Perforation

Perforation ratio: 13.2 %



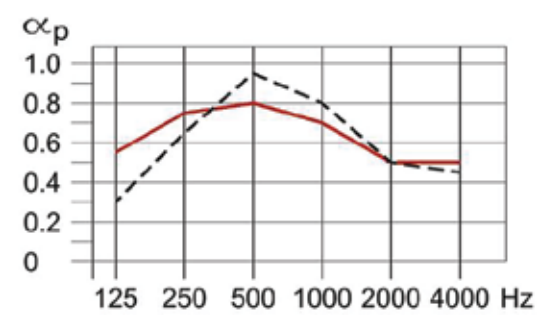
Standard Fleece



plenum height 60 mm -----  
 $\alpha_p$  **0.2 0.35 0.7 0.75 0.45 0.45**  
 $\alpha_w = 0.55$  class: D (absorbent)

plenum height 200 mm -----  
 $\alpha_p$  **0.5 0.7 0.8 0.55 0.45 0.4**  
 $\alpha_w = 0.50$  (LM) class: D (absorbent)

Standard Fleece + Mineral Wool



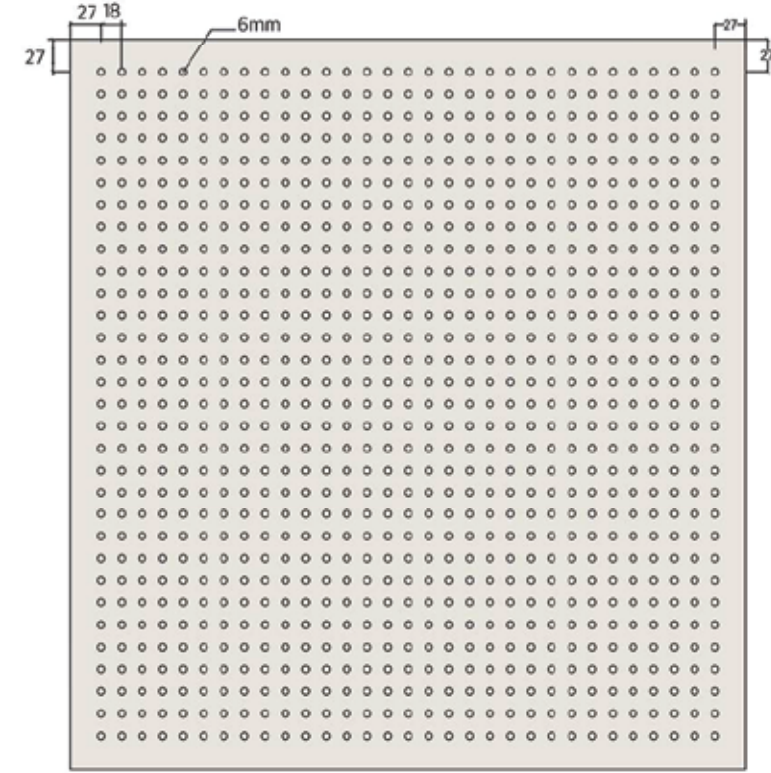
plenum height 60 mm -----  
 $\alpha_p$  **0.3 0.65 0.95 0.8 0.5 0.45**  
 $\alpha_w = 0.55$  (LM) class: D (absorbent)

plenum height 200 mm -----  
 $\alpha_p$  **0.55 0.75 0.8 0.7 0.5 0.5**  
 $\alpha_w = 0.60$  (L) class: C (highly absorbent)

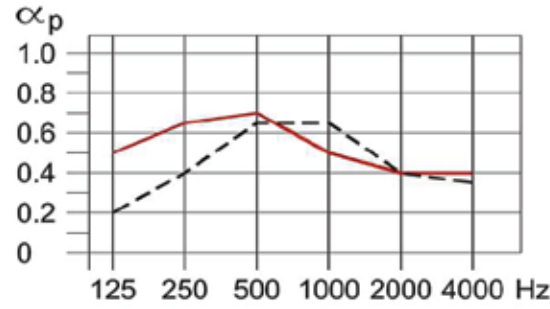
Acoustic Design Ceiling

6 mm Circular Perforation

Perforation ratio: 8.7 %

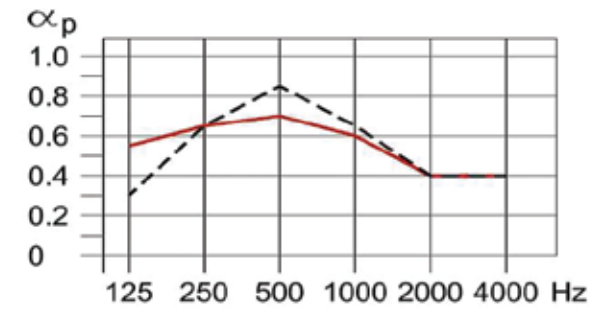


Standart Fleece



plenum height 60 mm						
$\alpha_p$	0.2	0.4	0.65	0.65	0.4	0.35
$\alpha_w$	0.45 class: D (absorbent)					
plenum height 200 mm						
$\alpha_p$	0.5	0.65	0.7	0.5	0.4	0.4
$\alpha_w$	0.50 (L) class: D (absorbent)					

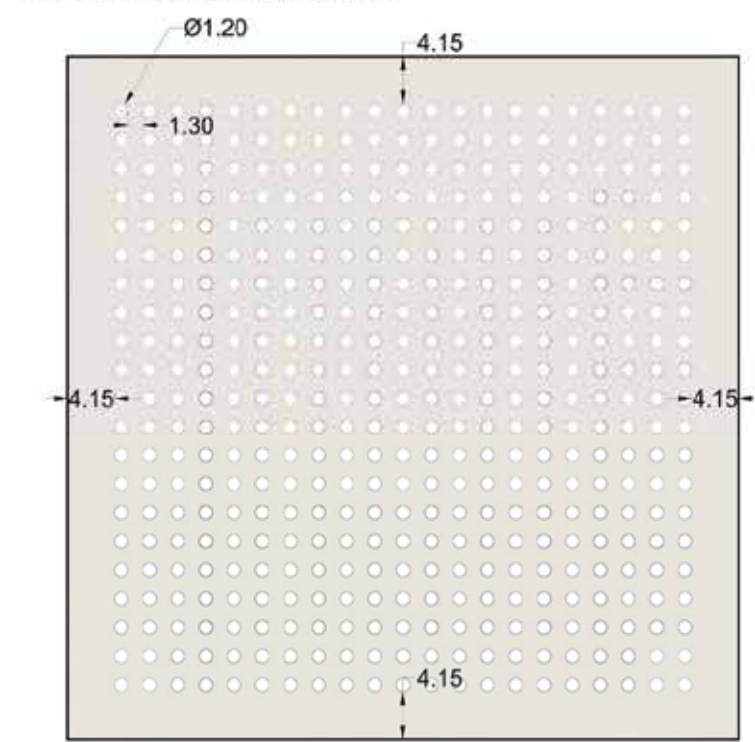
Standard Fleece + Mineral Wool



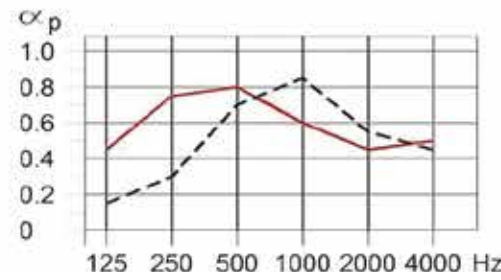
plenum height 60 mm						
$\alpha_p$	0.3	0.65	0.85	0.65	0.4	0.4
$\alpha_w$	0.50 (LM) class: D (absorbent)					
plenum height 200 mm						
$\alpha_p$	0.55	0.65	0.7	0.6	0.4	0.4
$\alpha_w$	0.50 (L) class: D (absorbent)					

12 mm Circular Perforation

Perforation ratio: 18.1 %

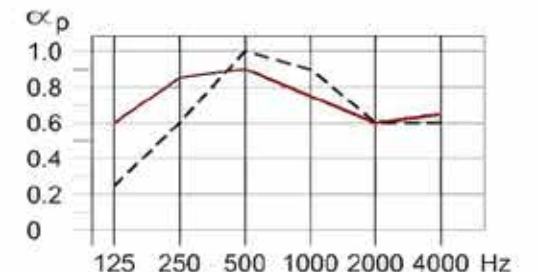


Standart Fleece



plenum height 60 mm						
$\alpha_p$	0.15	0.3	0.7	0.85	0.55	0.45
$\alpha_w$	0.55 (M) class: D (absorbent)					
plenum height 200 mm						
$\alpha_p$	0.45	0.75	0.8	0.6	0.45	0.5
$\alpha_w$	0.55 (LM) class: D (absorbent)					

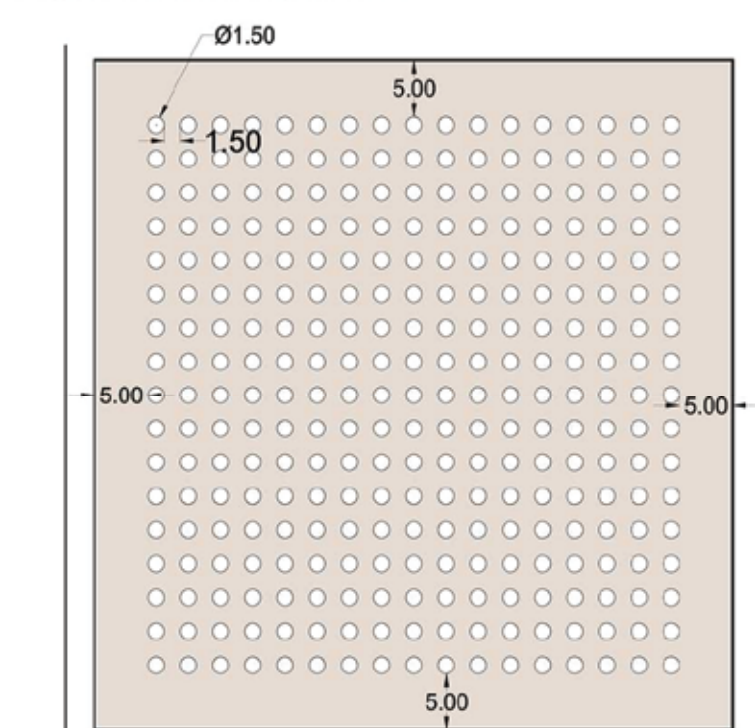
Standard Fleece + Mineral Wool



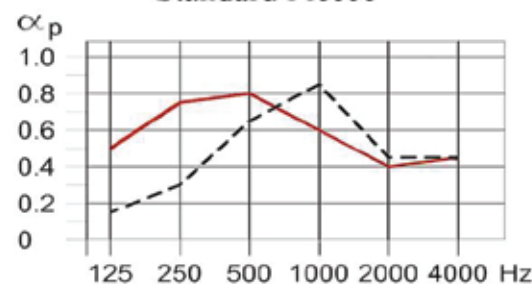
plenum height 60 mm						
$\alpha_p$	0.25	0.6	1	0.9	0.6	0.6
$\alpha_w$	0.70 (M) class: C (highly absorbent)					
plenum height 200 mm						
$\alpha_p$	0.6	0.85	0.9	0.75	0.6	0.65
$\alpha_w$	0.70 (L) class: C (highly absorbent)					

15 mm Circular Perforation

Perforation ratio: 19.6 %

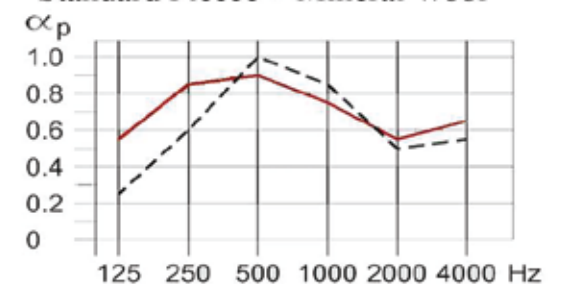


Standart Fleece



plenum height 60 mm						
$\alpha_p$	0.15	0.3	0.65	0.85	0.45	0.45
$\alpha_w$	0.50 (M) class: D (absorbent)					
plenum height 200 mm						
$\alpha_p$	0.5	0.75	0.8	0.6	0.4	0.45
$\alpha_w$	0.50 (LM) class: D (absorbent)					

Standard Fleece + Mineral Wool



plenum height 60 mm						
$\alpha_p$	0.25	0.6	1	0.85	0.5	0.55
$\alpha_w$	0.60 (M) class: C (highly absorbent)					
plenum height 200 mm						
$\alpha_p$	0.55	0.85	0.9	0.75	0.55	0.65
$\alpha_w$	0.65 (LM) class: C (highly absorbent)					

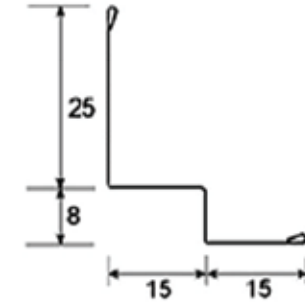
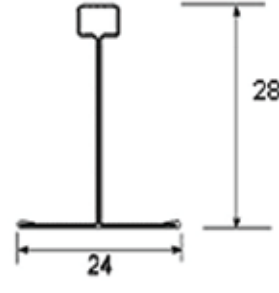
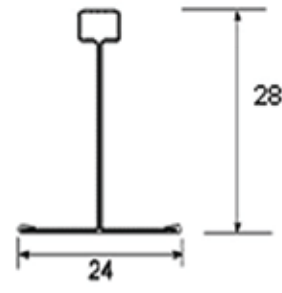
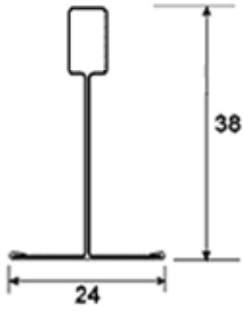
## T -24 SYSTEM CARRIERS

Main Carrier 3600mm

Cross Carrier 1200mm

Cross Carrier 600mm

Edge Z Profile 3050mm



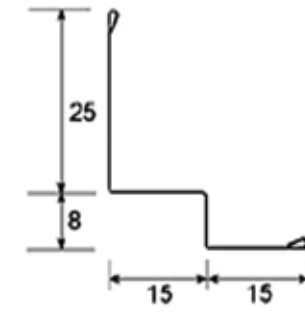
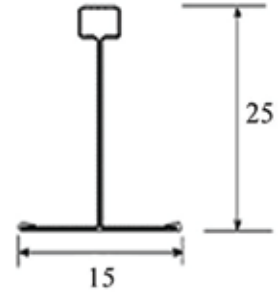
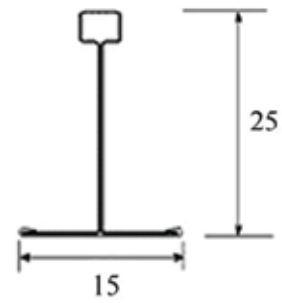
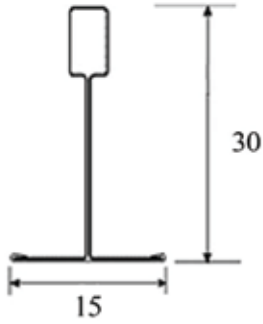
## T -15 SYSTEM CARRIERS

Main Carrier 3700mm

Cross Carrier 1200mm

Cross Carrier 600mm

Edge Z Profile 3050mm



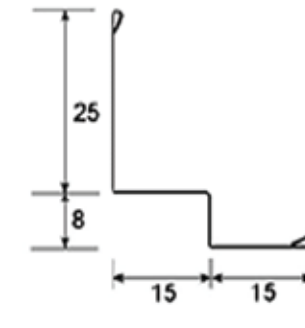
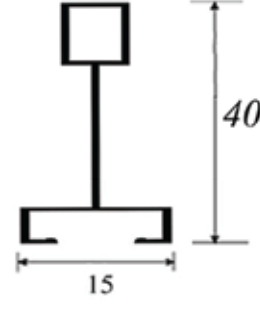
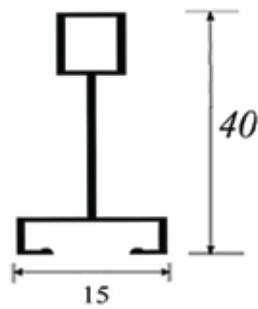
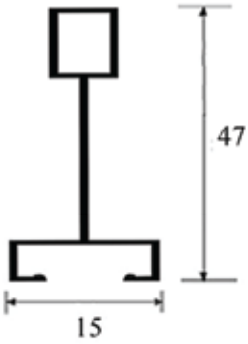
## T -15 SYSTEM WITH GAP CARRIER

Main Carrier 3600mm

Cross Carrier 1200mm

Cross Carrier 600mm

Edge Z Profile 3050mm



## SIZE OF TILE

600 x 600 mm / 600X1200 mm / 1200 x 2400 mm/ 1200 x 2500 mm

Ask for other sizes...

## THICKNESS OF THE BOARDS

9.5mm / 12.5mm

## COLOUR

Pvc (vinil) coated or Ral 9016 painted



**LADiN**  
YAPI SİSTEMLERİ

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