

Lumomesh

by The Room Studio

ECO zero | Acoustic design.





Acoustic panel made of recycled polyester fiber from the ECO line by ECOcero, Lumomesh model by The Room Studio, with dimensions 1120x560 mm and 560x560 mm, 30 mm thickness, composed of 2 panels of 9 mm thickness and one panel of 12 mm thickness. Prepared for easy installation of linear lighting. Lumomesh manages to merge acoustics, lighting, and design into a single product, providing solutions to create harmonious and exceptional environments. The magic lies in the absence of predefined patterns and in their combination with each other. Includes fixing system using contact adhesive from the ECOcero brand for direct attachment to a vertical support with backing. For horizontal installation without backing, mechanical fixing with screws is required. Available in 16 base colors. CE marked, Euroclass B-s1, d0 fire reaction. Compliance with low VOC emissions specifications. GOLD certification in LEED and BREEAM, GLOBAL RECYCLED STANDARD, and OEKO-TEX STANDARD 100.



iF DESIGN AWARD 2024 WINNER
LUMOMESH
Product / Technology / Material / Project / ID: 000101

Composition	Recycled polyester fiber
Dimensions	Model A: 560x560 mm Model B: 1120x560 mm
Thickness	30 mm (9+12+9mm)
Weight	Model A: 3,4 kg/m ² Model B: 1,7 kg/m ²
Absorption without cavity	ISO: $\alpha_w=0,50$. ASTM: NRC=0,70
Absorption with 200 mm cavity	ISO: $\alpha_w=1,00$. ASTM: NRC=0,95
Fire resistance	Fire retardant. CTE for public use premises
Thermal resistance	0,600 (m ² ·K/W)
Thermal conductivity	$\lambda=0,040$ (W/m·K)
Thickness tolerance	± 1 mm
Cutting tolerance	± 2 mm
Installation	Without construction work, easy and fast. Fixed with adhesive provided by ECOcero
Cleaning	For surface cleaning, it is recommended to spray an alcoholic solution (75%). In case of dust or lint, use a duster or vacuum cleaner. In case of heavy soiling, treat the material with hydrogen peroxide. Do not rub.

ECO Line Certificates (PET)



LEED® Certificate (Pass)



BREEAM® Certificate (Exemplary level)



Green Building Council USGBC



Antifungal Certificate



VOCs Certificate (A+ classification)



Acoustic Absorption Certification



CE Certified (EN 15102:2007 + A1:2011)



GLOBAL RECYCLED STANDARD Certificate
(Minimum 60% Post-consumer)

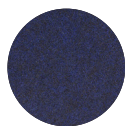


OEKO-TEX STANDARD 100 Certificate

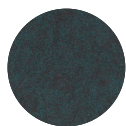


Recycled Content Certification

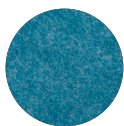
Colors



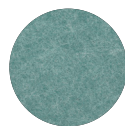
Dark Blue



Dark Green



Blue Green



Turquoise

ECO-116

ECO-139

ECO-124

ECO-140

N

NCS: S 6030-R80B

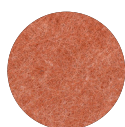
NCS: S 8010-B30G

NCS: S 3050-B20G

NCS: S 4020-B70G

NCS

N: Name
C: Color code
NCS: NCS code



Terracotta



Coral Pink

N

ECO-108

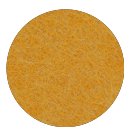
ECO-131

C

NCS: S 4030-Y90R

NCS: S 1030-Y80R

NCS



Turmeric Yellow



Dark Camel



Light Camel



Opera

N

ECO-149

ECO-112

ECO-101

ECO-107

C

NCS: S 2040Y-10R

NCS: S 3010-Y50R

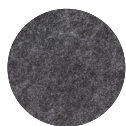
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NCS: S 1505-Y40R

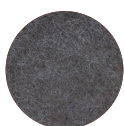
NCS



Black



Anthracite Grey



Moon Grey



Cloudy Grey



Urban Grey



Polar White

N

ECO-127

ECO-125

ECO-123

ECO-138

ECO-136

ECO-104

C

NCS: S 9000-N

NCS: S 6502-B

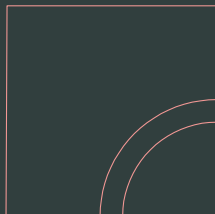
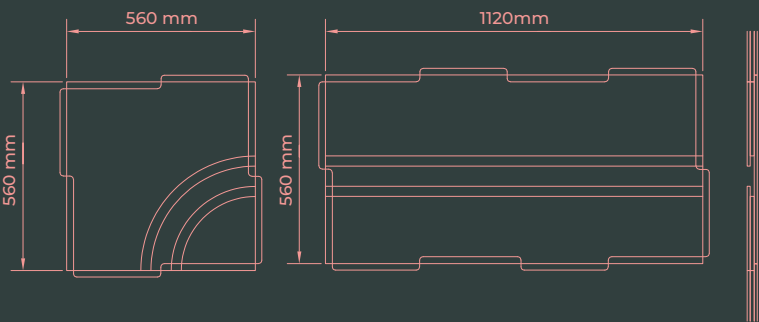
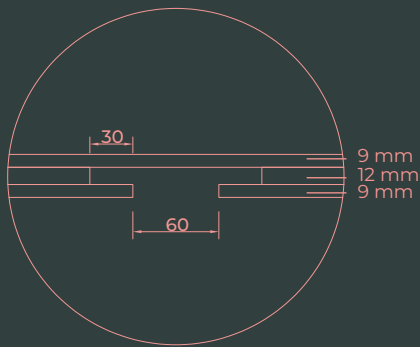
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NCS: S 3000-N

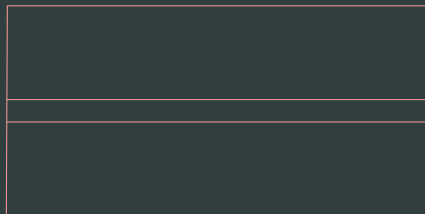
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NCS: S 0502-B50G

NCS



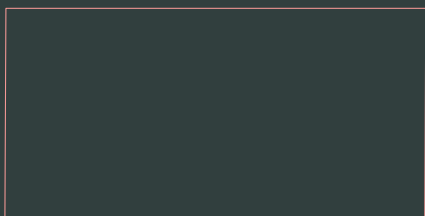
A1



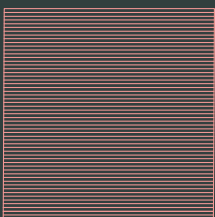
B1



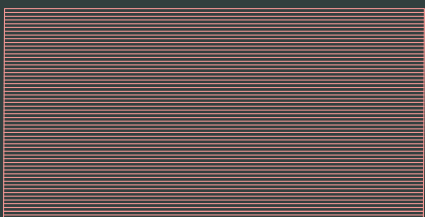
A2



B2



A3



B3

Get inspired:





