

TASK acoustic round

^{EN} Acoustic element made of high quality, self-supporting, at least 50% recycled PET felt with sound absorbing properties; choice of round or half round design; high quality visual and tactile surface; colour may deviate; direct sound is absorbed by the front-mounted fleece, sound reflected from the ceiling/wall by an additional, rear-mounted fleece; this creates high acoustic performance; choice of surface mounted and pendant versions with 1500 mm cable suspension; toolless suspension height adjustment of the acoustic element; up to absorption class A

^{ES} Elemento acústico de fieltro PET al menos un 50 % reciclado y autoportante de calidad superior con propiedades de absorción del sonido; forma opcionalmente redonda o semicircular; superficie de gran calidad óptica y táctil; posibles pequeñas variaciones en el color; absorción del ruido directo por el vellón delantero, así como absorción del ruido reflejado por el techo/pared mediante un vellón adicional trasero; con ello gran rendimiento acústico; opcionalmente como variante superpuesta o colgada con cable de 1500 mm; ajuste de altura sin herramientas en elemento acústico; hasta clase de absorbente A

Quickinfo

fieltro PET

PET felt (made of at least 50% post-consumer recycled material)
SAC (sound absorption class) up to A, SAC (sound absorption class) up to C

fire resistance class: B-s1, d0, fire resistance class: not fire-retardant

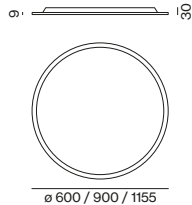
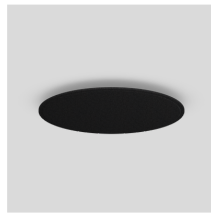
Types



Color



made of at least 50% post-consumer recycled PET felt



TASK ACOUSTIC round surface

| A | B | C | D | E |
|------------------|---|---|---|---|
| | | | | |
| $\alpha_w = 0.6$ | | | | |



| |
|------|
| 0.75 |
| NRC |

| |
|------|
| 0.76 |
| SAA |

COLOUR

acoustic special colours

black

felt grey

marble grey

white

ORDER CODE

0 5 9 - 5 7 9 1 3 **D** X

0 5 9 - 5 7 9 1 3 **D** L

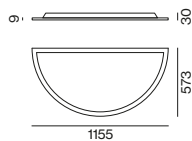
0 5 9 - 5 7 9 1 3 **D** G

0 5 9 - 5 7 9 1 3 **D** D

0 5 9 - 5 7 9 1 3 **D** W

Equivalent sound absorption area ($A_{eq} m^2$)

| Ø (mm) | 125Hz | 250Hz | 500Hz | 1000Hz | 2000Hz | 4000Hz |
|--------|-------|-------|-------|--------|--------|--------|
| 600 | 0.01 | 0.08 | 0.2 | 0.28 | 0.28 | 0.28 |
| 900 | 0.03 | 0.19 | 0.45 | 0.64 | 0.64 | 0.64 |
| 1155 | 0.05 | 0.31 | 0.73 | 1.05 | 1.05 | 1.05 |



TASK ACOUSTIC half round surface

| A | B | C | D | E |
|------------------|---|---|---|---|
| | | | | |
| $\alpha_w = 0.6$ | | | | |



| |
|------|
| 0.75 |
| NRC |

| |
|------|
| 0.76 |
| SAA |

COLOUR

acoustic special colours

black

felt grey

marble grey

white

ORDER CODE

0 5 9 - 5 7 9 1 4 6 X

0 5 9 - 5 7 9 1 4 6 L

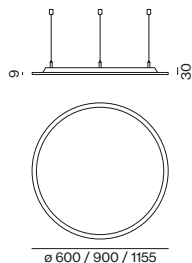
0 5 9 - 5 7 9 1 4 6 G

0 5 9 - 5 7 9 1 4 6 D

0 5 9 - 5 7 9 1 4 6 W

Equivalent sound absorption area ($A_{eq} m^2$)

| 125Hz | 250Hz | 500Hz | 1000Hz | 2000Hz | 4000Hz |
|-------|-------|-------|--------|--------|--------|
| 0.03 | 0.16 | 0.37 | 0.53 | 0.53 | 0.53 |



TASK ACOUSTIC round suspended

| A | B | C | D | E |
|-------------------|---|---|---|---|
| | | | | |
| $\alpha_w = 0.95$ | | | | |



| |
|------|
| 0.95 |
| NRC |

| |
|------|
| 0.91 |
| SAA |

COLOUR

acoustic special colours

black

felt grey

marble grey

white

ORDER CODE

0 5 9 - 5 7 9 2 3 **D** X

0 5 9 - 5 7 9 2 3 **D** L

0 5 9 - 5 7 9 2 3 **D** G

0 5 9 - 5 7 9 2 3 **D** D

0 5 9 - 5 7 9 2 3 **D** W

Equivalent sound absorption area ($A_{eq} m^2$)

| Ø (mm) | 125Hz | 250Hz | 500Hz | 1000Hz | 2000Hz | 4000Hz |
|--------|-------|-------|-------|--------|--------|--------|
| 600 | 0.21 | 0.22 | 0.36 | 0.43 | 0.49 | 0.53 |
| 900 | 0.47 | 0.5 | 0.8 | 0.97 | 1.1 | 1.2 |
| 1155 | 0.6 | 0.77 | 1.23 | 1.53 | 1.8 | 1.87 |

Order options

DIAMETER

| DIAMETER | D |
|----------|----------|
| 600 mm | 4 |
| 900 mm | 5 |
| 1155 mm | 6 |



TASK ACOUSTIC half round suspended

| | | | | |
|--|---|---|-------------|---|
| A | B | C | D | E |
| $\alpha_w = 0.95$ | | | | |
|  PET felt | | | | |
| 0.95 NRC | | | 0.91 SAA | |

COLOUR

acoustic special colours

black

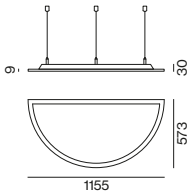
felt grey

marble grey

white

ORDER CODE

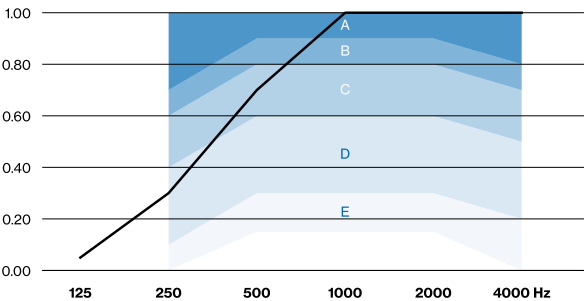
| |
|-----------------------|
| 0 5 9 - 5 7 9 2 4 6 X |
| 0 5 9 - 5 7 9 2 4 6 L |
| 0 5 9 - 5 7 9 2 4 6 G |
| 0 5 9 - 5 7 9 2 4 6 D |
| 0 5 9 - 5 7 9 2 4 6 W |



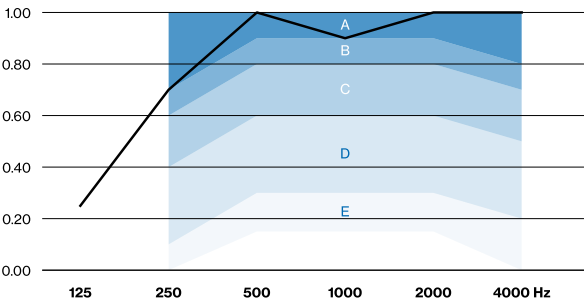
Equivalent sound absorption area ($A_{eq} m^2$)

| 125Hz | 250Hz | 500Hz | 1000Hz | 2000Hz | 4000Hz |
|-------|-------|-------|--------|--------|--------|
| 0.3 | 0.33 | 0.6 | 0.77 | 0.87 | 0.87 |

Sound absorption coefficients



Acoustic data
calculations based on
TASK ACOUSTIC 1200 half square:
cavity 3cm



Acoustic data
calculations based on
TASK ACOUSTIC 1200 half square:
cavity 20cm