

ARCHISONIC® is a high-performance sustainable acoustic absorber made from upcycled plastic bottles which is Cradle to Cradle certified and LEED accredited.

ARCHISONIC® is manufactured at the highest quality standards, yet slight color and surface deviations caused by the high degree of recycled fiber are an inevitable part of the product characteristics and do not claim warranty services.

Material varies in colour when shown in monitor or in print. Please request a material sample to verify colours.

QUIET NEUTRALS

12 mm & 24 mm



WARM NATURALS

12 mm & 24 mm



LIVING GREENS

12 mm & 24 mm



ELEMENTAL BLUES

12 mm & 24 mm



SOOTHING PASTELS

12 mm & 24 mm



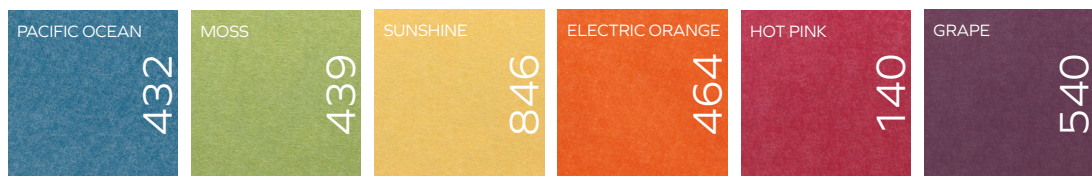
ELEGANT DARKS

12 mm & 24 mm



ENERGETIC BRIGHTS

12 mm & 24 mm



PRIMARY PLAY

12 mm & 24 mm



DIMENSIONS

ARCHISONIC® 24 mm 1800 x 2400 x 24 mm (70" x 94" x 0.94")
ARCHISONIC® 12 mm 1200 x 2800 x 12 mm (47" x 10" x 0.47")

COMPOSITION

100% PET (min. 60% post-consumer)

FIRE TEST

DIN EN 13501-1 B-s1, d0
ASTM E-84 Class A

VOC EMISSION

CDPH 01350 Pass
ISO 16000 (CDPH/EHLB/Standard Method V1.2.)
EN 16516

COLOUR FASTENESS

EN ISO 105-B02, A1 Grade 6

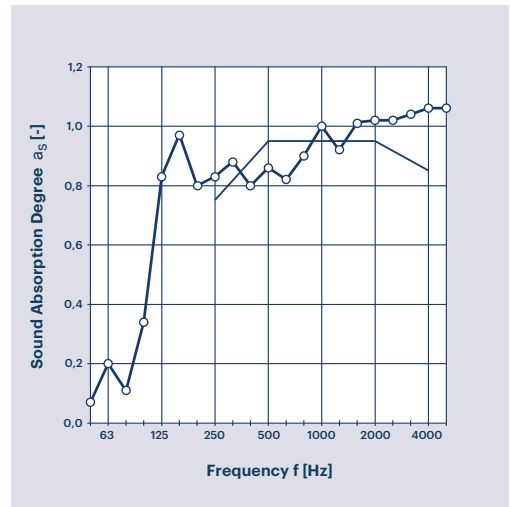
MATERIAL REUTILISATION

ARCHISONIC® 24 mm 88 plastic bottles/m²
ARCHISONIC® 12 mm 53 plastic bottles/m²

SOUND ABSORPTION

DIN ISO 11654
24 mm aw 0.55 (no airgap)
aw 0.65 (50 mm / 2" air gap)
aw 0.90 (100 mm / 4" air gap)
aw 0.95 (200 mm / 8" air gap)

12 mm aw 0.30 (no air gap)



MICROBIAL RESISTANCE

ASTM G21-15
Growth rating: 0 (no growth)
ARCHISONIC® does not provide a breeding ground for mold and mildew.

ENVIRONMENTAL

Cradle to Cradle Certified™
Product qualifies for LEED v4 specifications on VOC emissions in LEED EQ credit (Low-emitting products)

SUPPORTED BY

Climate KIC

