



Environmentally Friendly Multi-Purpose Insulation



GREAT FOR:

OFFICES | LIBRARIES | CLASSROOMS | DORMITORIES | HVAC
GYMNASIUMS | LECTURE HALLS | CONFERENCE ROOMS | AUDITORIUMS
HALLWAYS & CORRIDORS | LOBBIES & RECEPTION AREAS | MARINE
MULTI-PURPOSE ROOMS | MACHINERY ROOMS | AQUATIC CENTERS
PARKING STRUCTURES | AND MANY MORE APPLICATIONS!

EXCLUSIVELY FROM



Environmentally Friendly Multi-Purpose Insulation

ReCore® is a revolutionary, environmentally responsible insulation and substrate made from 100% non-woven polyester fiber. It is made from 60% post-consumer content (recycled plastic beverage containers), and is, itself, 100% recyclable. ReCore® is semi-rigid and incredibly lightweight and it is unique in that it is impact resistant and tackable while retaining excellent acoustic properties for wall and ceiling applications. In addition, it is free of volatile organic compounds (VOCs) like formaldehyde. Further, ReCore® is non-hygroscopic, antimicrobial, and antifungal (see back side of this brochure for complete details). ReCore® is available in a full range of thicknesses, densities, and colors.

ReCore® offers the following benefits:

ACOUSTIC

ReCore® provides exceptional acoustic performance. It is ideal for use in the absorption of airborne noise. NRCs between .40 and .95 are obtainable with varying thicknesses and densities.

SOUND DAMPENING

ReCore® both absorbs airborne sound and is resistant to sound transmission. It is ideal for use in this regard by OEMs and for a wide variety of field applications.

ReCore® is effective when applied to HVAC ducting both to absorb structure-born sound and to dampen mechanical noise. Non-woven and thermally bonded, there is no danger of distributing irritating and potentially dangerous fibers as with standard fiberglass.

TACKABLE/PINNABLE

Many versions of ReCore® are well suited for use as a tackable/pinnable surface. ReCore® has excellent pin-holding characteristics and, unlike cork and wood fiberboard, will not break down or crumble over time.

HIGH IMPACT

ReCore® in 6 pcf and higher densities offers serious impact resistance. Used with a fabric covering, it wears extremely well and is ideally suited for high-traffic environments, including hallways and corridors.

Extremely resilient and with great durability, ReCore® can be used as a wood flooring or carpet underlayment, reducing transmitted sound and providing desired comfort as a shock absorbent surface.



THERMALLY INSULATIVE

ReCore® provides an additional measure of thermal insulation on any surface on which it is installed, which is a welcome synergistic benefit.

COVERED OR UNCOVERED

ReCore® can be printed on, painted, or used in its raw state. Consult your local dealer or contact Fabricmate directly for details and installation advice.

RECORE® IS THE RIGHT CHOICE

Whether you need excellent acoustic performance, tackability, impact resistance, thermal insulation, sound dampening, a product free from VOCs, one with a high post-consumer recycled content or all of the above, ReCore® is the high-performance and environmentally responsible choice.

Applications

- Acoustic backing for stretched-fabric panels like the Fabricmate System
- Tackable/pinnable backing for stretched-fabric panels and systems
- Impact resistant wall covering for wainscoting or full-wall coverage in stretched-fabric wall coverings
- Aesthetic, acoustic, and non-hygroscopic solution for use in acoustic baffles in aquatic centers, gymnasiums and in multi-purpose rooms
- Sound dampener and thermal insulator in HVAC systems.



1/4"



1/2"



1"



2"+



RECORE® IS VERY LIGHT, MAKING IT EASY TO WORK WITH FOR A SINGLE INSTALLER



RECORE® IS AVAILABLE IN A WIDE RANGE OF SIZES, DENSITIES, AND COLOR FACINGS



WE CAN PRINT YOUR CUSTOM GRAPHICS, LOGO, BRANDING, PHOTOS, AND MORE DIRECTLY ONTO RECORE®

Urethane Foam (Sponge)	Fiberboard	ReCore®	Fiberglass	Rock Wool
Non-Recyclable	Non-Recyclable	100% Recyclable	Non-Recyclable	Non-Recyclable
Moderately Safe	Moderately Safe	Fully Safe To Handle	PPE Recommended	PPE Recommended
Semi-Combustible	Semi-Combustible	Non-Combustible	Semi-Combustible	Semi-Combustible
Low Absorption Not Warped by Moisture	High Absorption Warped by Moisture	High Absorption Not Warped by Moisture	Low Absorption Warped by Moisture	Low Absorption Warped by Moisture
Does Not Weather Easily	Weathers easily	Does not weather	Weathers easily	Weathers easily
Non-Polluting	Causes Air Pollution	Non-Polluting	Causes Air Pollution	Causes Air Pollution



PRODUCT DESCRIPTION

ReCore® is a non-woven polyester fiber multi-purpose insulation. It is used for acoustical, thermal, tackable, and impact resistant purposes in all types of environments.

ReCore® is a lightweight, durable, semi-rigid substrate. It is impact resistant and tackable. It is fabricated from 100% polyester with no irritating fibers and it is free of volatile organic compounds (VOCs) including formaldehyde.

ReCore® is non-hygroscopic, resists bacterial and fungal growth, is non-toxic and non-allergenic.

It will not rot, deteriorate, or change color over time. The product can be easily fabricated on the job site using standard tools.

COMPOSITION & MATERIALS

ReCore® is manufactured from 100% non-woven polyester fibers thermally bonded together to achieve the desired thickness and density.

ReCore® has a 60% post-consumer content (recycled plastic beverage containers). ReCore® is itself, 100% recyclable.

SPECIFICATIONS

ReCore® is available in a variety of thicknesses from 1/4" to 2"+ and in both quarter and full (48" x 96") sheets.

It is available in all white and faced with a variety of colors.

WATER VAPOR SORPTION

< 0.4% by weight - Non-hygroscopic

WEATHER RESISTANCE

No change in appearance

ASTM C 1338-08-Standard Test Method Passed with no fungal growth found on all replicates at 40X magnification after 4 weeks of incubation.

INSTALLATION

ReCore® Multi-Purpose Insulation is applied directly to drywall, concrete, CMU, or other ASTM E 84, Class A material. ReCore® can be cut and installed using standard tools.

ReCore® can also be used as a component of pre-made acoustical and tackable panels, modular panel systems, as well as ceiling tiles, baffles, clouds, diffusers, as flooring underlayment, and as an acoustical component of HVAC systems.

AVAILABILITY AND COST

ReCore® is sold worldwide. For availability and pricing contact your local distributor or Fabricmate Systems directly.

RECORE® SPECIFICATIONS

APPLICATIONS	TACKABILITY	THICKNESS	ACOUSTIC NRC	FUNCTIONALITY	DENSITY	FIRE RATING
Padded Look & Feel Great for Graphics	Fair	1/2"	0.40	SoftTouch	4.5 PCF	ASTM E84 Class A
Acoustic Tackability Wall Protection	Full	1/2"	0.50	MaxTack®	9.4 PCF	ASTM E84 Class A
Acoustic Great for Graphics	None	1"	0.60	Acousti	3.0 PCF	ASTM E84 Class A
Acoustic Tackability Wall Protection	Full	1"	0.75	AcoustiMax	6.0 PCF	ASTM E84 Class A
Acoustic Wall Protection	None	2"	0.85	Acousti Plus	3.0 PCF	ASTM E84 Class A
Acoustic Tackability Wall Protection	Full	2"	0.9	AcoustiMax Plus	6.0 PCF	ASTM E84 Class A



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