

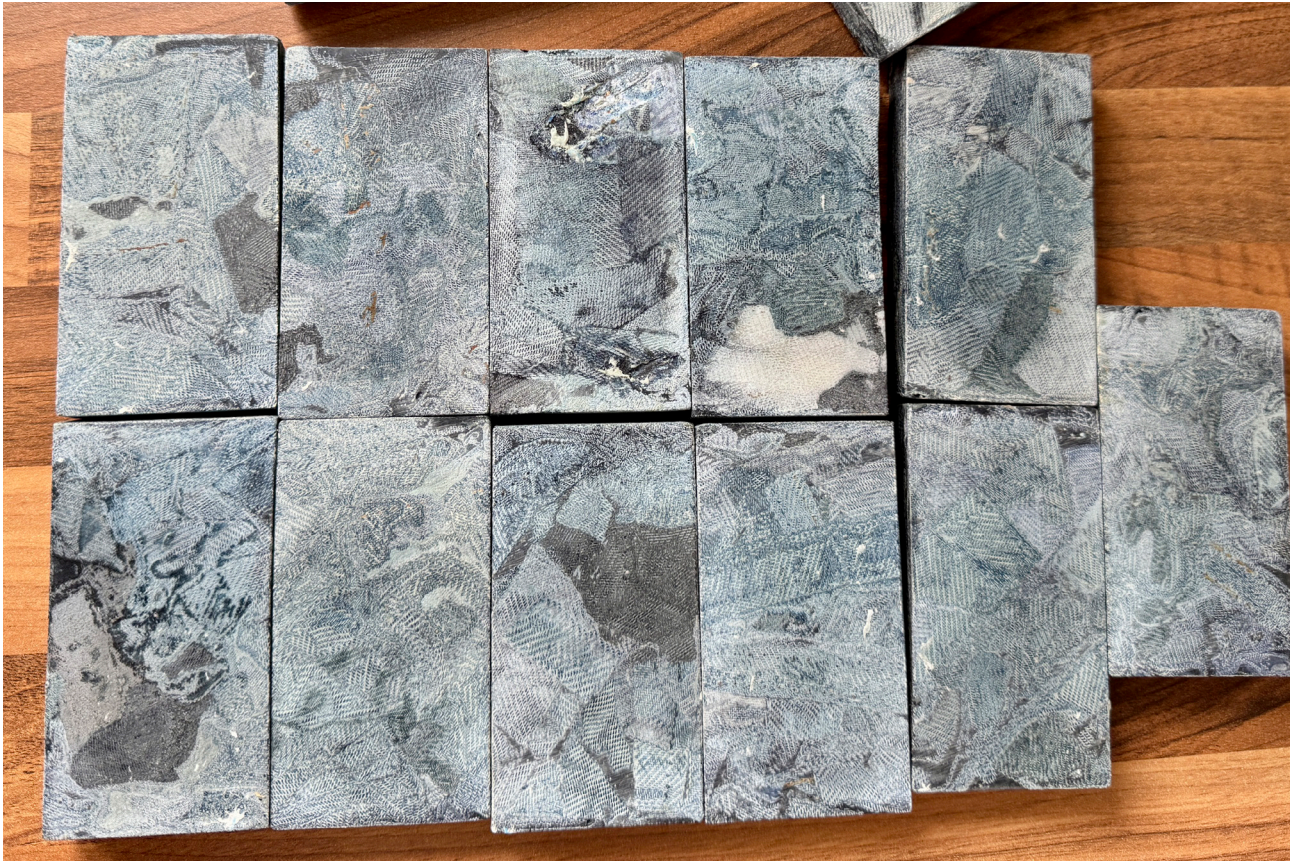
DENIMOLITE

Revolutionising waste textile recycling

[Denimolite.com](https://denimolite.com)

Denim - manufacturing off-cuts and unwanted garments





INCLUDED IN THE BOX - SAMPLES

SATIN FINISH

Sanded to 240 grit leaving a smooth tactile texture, also emphasising the marble-like pattern on material. Finally sealed using sustainably sourced Bees wax adding water resistance.

DIMENSIONS

90mm x 50mm x 20mm (approx).

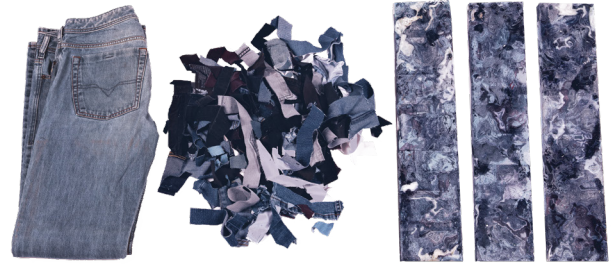
DETAILS

Ideal for interior furniture, decorative cladding, fashion, accessories, and home decor, and so much more these samples embody quality craftsmanship and timeless style.

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DATA SHEET



MATERIAL TESTING

Tested against: ASTM - D 3039/D 3039M – 00e1

Modulus of Elasticity - 3955 +/- 932 MPa
Tensile Strength (yield) - 27.9 +/- 3.2 MPa
Tensile Strength (break) - 25.9 +/- 5.4 MPa
Elongation at Break - 0.8 +/- 0.1 %
Shore D Hardness - 85HD

MATERIALS

Made using unusable manufacturing off-cuts from denim garment manufacturers, unwanted waste denim clothing items as well as notoriously difficult to recycle 'stretch denim' from fast fashion garments. Infused GreenPoxy/ Infu Green high bio-based carbon content resin system with 50% plant-based ingredients, independently certified using Carbon 14 measurements ASTN D6866 or XP CEN/TS16640.

WASTE DENIM FABRIC

The waste textiles we use to create Denimolite is sourced from donations of unwanted waste garments, unusable manufacturing off-cuts, and procured non-recyclable waste fast fashion garments. All textiles are thoroughly washed.

MACHINABILITY

Denimolite can be milled, turned, drilled and cut using mechanical saws. Denimolite can be finished to a soft textile-like feel or polished to a gentle sheen. For high gloss finish a coat of bees wax or other natural sealant should be applied. Our panels can be adhered as a decorative cladding/ veneer, onto other materials to create items such as table tops to create thicker materials.

USAGE

Recommended for interior applications.
Suitable for residential and commercial spaces.

CARE PACK



MAINTAINANCE AND CARE - DENIMOILTE

Denimolite is crafted to be both durable and versatile, making it suitable for a wide range of applications. However, over time, certain use cases may result in wear or the need for cleaning. To ensure the longevity and aesthetic appeal of Denimolite, we recommend a simple maintenance routine using natural beeswax.

After cleaning the surface with a damp cloth and allowing it to dry, apply a thin, even layer of natural beeswax across the material. Use a soft polishing cloth to buff the wax into the surface in gentle, circular motions. This process not only revitalizes the appearance of the material but also restores a waterproof protective layer, enhancing its durability and resistance to moisture.

Incorporating this care routine will keep Denimolite looking its best and performing optimally for years to come.