

TECHNICAL DATA SHEET

Dycem Bench Mats

Dycem Contamination Control polymeric mats are crafted using a proprietary blend of specialized polymeric compounds creating a natural tack. Our unique process technology produces a durable material that is optically smooth with high surface energy.

PRODUCT COMPOSITION:

Polymer compound

COLORS:

Blue, Black and Grey

SIZE:

Standard width - (can be customized) - 0.6mt (1.2mt or 2.0mt)

Length - 0.45mt or 12mt

Thickness - 1/8" (2mm +/- 0.1mm)

WEIGHT:

0.88 lb (400 g), 23 lb (10.6kgs)

LOAD RESISTANCE:

1000lb/in² (70kg/cm²)

When using a 900lb (400kg) truck on 4 wheels, each contact area being 10in² (25cm²)

COMPLIANCE:

CE BS EN 14041:2004, ISO 9001, ISO 14001, REACH, RoHS 3 EU 2015/863, California Proposition 65

CO-EFFICIENT OF FRICTION:

≥ 0.30 in accordance with EN 13893 and shall be declared as Technical Class DS

SURFACE RESISTIVITY:

Resistance to earth 10⁸ ohms, tested to ASTM F150, DIN 51953, BS 2050

TENSILE STRENGTH N:

MD 606, CD 440

CLEANING REQUIREMENTS:

Wet cleaning per shift is recommended using Dycem-approved tools and cleaning agents.

CAUTION: Slippery when wet.

ANTIMICROBIAL PROPERTIES:

Manufactured with Polygiene BioMaster silver additive as an integral ingredient, providing 24/7 antimicrobial protection.

BioMaster has been tested effective to inhibit growth by up to 99.99% of common microorganisms (MRSA, E.coli, Salmonella, Listeria, Campylobacter).

UV EFFECT:

No effect. Tested at a presence of 10psi for 10 minutes @ 115°C. Constant exposure will degrade the product.

SKIN REACTION (LATEX FREE):

No adverse reaction. After a 48-hour period of constant contact with Dycem material, there was no evidence of erythema, edema, or any other reaction to skin.

FLAMMABILITY:

EfISI EN 14041:2004

HEAT RESISTANCE:

Working range 32°-122°F (0° to 50° C)

TOXICITY:

Non harmful. Materials are silicon, latex and melamine-free. and compliant to REACH and California Proposition 65.

OUTGASSING:

Requirements met for ISO 16000-3, ISO 16000-6, ISO 16000-9 and ISO 16000-11

FOR ADDITIONAL INFORMATION

CONTACT DYCEM:

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