

PRODUCT INFORMATION

FIRE RESISTANT PLASTI SHIELD™ FR

Plasti Shield™ FR floor and wall protection is widely used in the building and construction industry as a lightweight alternative to masonite for floor and wall covering protection, countertop protection, temporary window and door replacement, and temporary clean room applications. Plasti Shield™ FR is easily cut with a utility knife. Additional uses for Plasti Shield include a waterproofing membrane, for filling construction expansion joints, as concrete formwork, low level thermal insulation and as a packing medium.

Tested and certified to meet NFPA-701 standard.



Reusable



Heavy Duty



Fire Resistant



FEATURES

- Fire Resistant
- Strong and durable
- Impact resistant
- Cost effective
- Easy to convert
- 100% recyclable
- Lightweight
- Reusable
- Hygienic
- Water resistant

APPLICATIONS

- Construction
- Remodeling
- Tuck Pointing
- Drywall
- Painting
- Temporary Protection



PRODUCT SPECIFICATIONS

Thickness	4 mm
Material	Polypropylene
Density (grams/sq. meter)	650
Density (lbs/1000 sq. ft.)	133
Surface Tension (Dyne Level)	42 dyne/cm
Tear Strength	1700 gms.
Tensile Strength	4000 lbs / sq. inch
Avg. Impact Resistance	2.44 ft.-lbf/in.
Avg. Absorbed Energy	0.37 ft.-lbf/in.
Elongation	MD: 17% XD: 10%
Low Temperature Flex	-15° F
Dynamic Puncture	5J
Avg. Compressive Strength	71.4 psi (Flat-Wise) 705 psi (Edge-Wise)
Impact Dart Strength	320 inches / lb.
Temperature (Ideal)	70° F
Humidity (Ideal)	50%
Heat Def. Load	174 degrees @ 66lbs. per sq. inch
Chemical Name	Polypropylene Homopolymer or Copolymer
Chemical Family	Polypropylene
Chemical Formula	Proprietary
Trade Name	Plasti Shield Fire Resistant
Material Use	Surface Protection

AVAILABLE SIZES

PLS4896LBFR	Blue	48in x 96in	4 lbs.
-------------	------	-------------	--------

INSTRUCTIONS

Place sheet on desired surface. Cut to length with utility knife. Seam multiple pieces together with Blue Tape or similar masking tape for larger areas. Do not adhere tape directly to floors.

HANDLING AND STORAGE

No special handling requirements. Product will not release hazardous chemicals under normal conditions of use.

RECYCLE

Corrugated FR PP sheet polypropylene copolymer or homopolymer makes for easier recycling at the end of their useful life. Contact your local plastics recycling center for local information on polypropylene recycling.

SAFETY

SDS for Surface Shields products available by request.

The information in this document was obtained from sources which we believe reliable. The information is provided without any warranty expressed or implied regarding its correctness. We do not assume responsibility for loss, damage or expense in any way connected with the handling, storage, use or disposal of the product.

8192.10

© 2020 Surface Shields, Inc. All rights reserved. Product names & attributes trademark of Surface Shields, Inc. where applicable.

CORPORATE OFFICE

8450 W 185th STREET
TINLEY PARK, ILLINOIS 60487

P 844 4NO MESS
F 708 226 9817



surfaceshields.com