

FABRIC OPTIONS EXTERIOR ARCHITECTURAL FABRIC

TRANSLUCENT FABRIC



FABRIC PROPERTIES

PVDF-II

The PVDF-II top coating provides outstanding protection as opposed to being laminated, it is a chemical that becomes an integral part of the PVC finish, allowing for long-term durability without potential delamination.

DURABLE & WEATHER RESISTANT

The base cloth is woven from high tensile strength polyester yarn and is anti-wick treated. The flexible PVC coating also provides exceptional weather resistance.

CLEANABLE & NON-STICK

PVDF-coated exterior top coating also has excellent resistance to dirt, dust and mildew.

LIGHT TRANSMISSION & ENERGY EFFICIENCY

Arizon's PVDF-coated exterior architectural fabric is available in translucent (which allows up to 5-12% light transmission, reducing the need for artificial daytime lighting) or opaque (which helps block radiant heat in warmer climates).

FABRIC AS A BUILDING MATERIAL

Using heavyweight, high strength, coated fabric helps to ensure a long-life structure. In order to extend the fabric life and help maintain the cleanest possible building, specialty top-coatings are used in the exterior fabrics. These topcoats are designed to protect the PVC from degradation by UV rays, weather, direct and pollution.

SAFETY & BUILDING CODES

This fabric meets standard building codes, passes NFPA 701 requirements for building materials, is fire resistant, self-extinguishing and has extremely low smoke development ratings. UV inhibitors have extended the life of these fabrics up to 20+ years.

COLORS & TRANSLUCENCY

Arizon's exterior fabrics come in a number of colors at a premium upon request. Our clients may also choose between translucent fabric, opaque fabric or a combination of the two in our skylight feature.

SPECIFICATIONS PVDF-II COATED TRANSLUCENT EXTERIOR FABRIC

PROPERTY	METRIC	IMPERIAL
COLOR	White (Other colors available upon request)	
WIDTH (ASTM D-751)	2.04 m	80.3 in
ROLL LENGTH	50 m	55 yd
UNIT MASS	904 gsm	28 oz/yd ²
THICKNESS	.075 mm	30 mil
GRAB TENSILE STRENGTH	3100 x 3100 N	697 x 397 lbs/in
ELONGATION AT BREAK PERCENTAGE	23 x 32	23 x 32
STRIP TENSILE STRENGTH	4500 x 4500 N/ 50 mm	514 x 514 lbs/in
TEAR STRENGTH	550 x 530 N	124 x 119 lbs
COATING ADHESION	120 x 110 N/50	14 x 12 lbs/in
TEMPERATURE EXTREMES	-30oC + 60oC	-22oF to + 140oF
LIGHT TRANSMISSION	12%	12%
ANTI-WICKING	Yes	Yes
FUNGAL RESISTANCE	Treated	Treated
FIRE RETARDANT	Yes, NFPA-701, ASTM-E84, CSFM, AS1530 (results available)	
UV RESISTANT	Yes	Yes
WARRANTY	20-Year Pro-Rated Warranty	

ARIZON[®]
BUILDING SYSTEMS

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