

# WEATHERPRO™ ENCLOSURE SYSTEM (WES)

With deep roots in the Canadian scaffold enclosure industry, Layfield has been pioneering better ways to safely and economically protect workers and assets from the harmful effects of weather. Close collaboration with our customers and industry partners has allowed us to develop a diverse range of tarpaulins and films that are purpose-built for your enclosure needs. We build many of these products in our North American facilities for fast turnaround and quality construction.

The WeatherPRO™ Enclosure System (WES) uses a unique track system designed to attach to most scaffold frames or directly to a structure. The tracks are made from high-strength, lightweight aluminum or tough, flexible plastic. The tarpaulin is built with rope edges to slide into the track attachment.

April 2023		WeatherPRO™ Enclosure system (WES)			
Material Properties	Rev	ASTM	RPE® 25	RPE® 15	RPE® 15 FR
	Thickness (Nominal)		20 mil 0.52 mm	12 mil 0.30 mm	12 mil 0.30 mm
	Coating Thickness (Nominal)		2.5 mil 0.064 mm	1.8 mil 0.045 mm	2 mil 0.05 mm
	Color 1		Clear	Clear	Cream (Fire Retardant <sup>2</sup> )
	Tensile Strength MD	D5034	370 lbs 1664 N	220 lbs 977 N	215 lbs 956 N
	Tensile Strength CD	D5034	350 lbs 1554 N	190 lbs 844 N	185 lbs 822 N
	Tear Strength MD	D2261-71 Tongue Tear	150 lbs 666 N	72 lbs 320 N	75 lbs 335 N
	Tear Strength CD	D2261-71 Tongue Tear	150 lbs 666 N	72 lbs 320 N	60 lbs 267 N
	Burst Strength	D751-73	680 psi 4830 kPa	380 psi 2622 kPa	375 psi 2587 kPa

**Note**<sup>1</sup>: Natural (translucent products) have UV inhibitors but are not intended for long term exposure.

**Note**<sup>2</sup>: Pass NFPA 701 (L) and CAN/ULC S109 (L) Flame Retardant Performance Tests

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## INSTALLATION

The WES tracking can be installed vertically and horizontally. There are two types of tracks available: Aluminum and PVC. The Aluminum track provides a rigid and durable solution in low temperature and harsh weather condition. The PVC track is flexible and can be flexed to a maximum of a 3' radius to follow curved structures or finish off the top of a scaffold frame. Care should be taken not to sharply impact the track at low temperatures, as the polymer becomes less supple at temperatures below – 15 degrees Celsius. The track comes in 20' sections and can be cut to any length required on site. Additional holes can be drilled as needed into the track. Once the track is secured the tarps slide easily into place through the C shaped slots. For installing the tarps, the track must be terminated a short distance above ground level to allow space for the tarps to be fed into the bottom. Small sections of track can be cut and added at the bottom of the enclosure to provide a sealed enclosure.

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