

The Educational Services Commission of New Jersey
Playground Equipment, Site Furnishings, Outdoor Circuit
Training Equipment and Related Products
Bid #ESCNJ 17/18-20
Bid Term: 7/1/17 - 6/30/18; **Extended to 6/30/19**
NJ State Approved Co-op #65MCESCCPS

Shade

In today's world, shade and protective covers are becoming increasingly more necessary. At Modern Shade LLC, we are aware of the environmental benefits of protective coverings and have devoted our time and effort to developing the best products for those needs. We are passionate about what we do and as a result have designed our products with the strength and modern appeal that customers are demanding. At Modern Shade LLC, we utilize the strongest shade fabric and support structures available and our products are supported by a warranty that backs that promise. Let us show you the difference!



BEN
SHAFFER
RECREATION
973-663-2021 www.benshaffer.com





Shade Needs:

Parks and Recreation

Auto Dealers

Parking

Patio Covers

Carports

Outdoor Dining

Car Washes

Outdoor Sport Courts

Features & Benefits:

UV stabilized polyethylene

Fire rated materials

Up to 95% UV protection from harmful sun rays

Quick installation procedures - minimal disruption

Netting is porous allowing hot air to escape causing a cool cushion under the shade

Excellent warranty gives peace of mind



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Fabric Features

- Fade and tear resistant; will not crack, rot or fray
- 90 mph nominal wind load and 5 psf snow load with fabric attached
- High-density polyethylene woven architectural fabric, 89.3% - 97.7% Ultraviolet Resistant
- Sewn with Tenara™ Ultraviolet Rated Bonded Teflon thread utilizing the lock stitch sewing method
- Approved Fire Rating as a result of the ASTM E-84 (Class A)
- Fabric pockets are double folded to provide extra reinforcement
- OEKO-TEX Certification – certified free of harmful chemicals like lead & phthalates
- Greenguard Certification – great for schools and use with children, this certifies that materials contribute to healthy air quality (low chemical emissions)
- Melanoma International Foundation Seal of Approval – this product is effective in preventing sun damage to the skin or eyes

Fabric Color Options

			
Natural 96.8% UVR Block	Desert Sand 96.4% UVR Block	Cedar 94.7% UVR Block	Brown 94.6% UVR Block
			
Cayenne 94.0% UVR Block	Cherry Red 89.3% UVR Block	Deep Ochre 94.4% UVR Block	Brunswick Green 95.1% UVR Block
			
Sky Blue 93.8% UVR Block	Aquatic Blue 93.6% UVR Block	Turquoise 94.3% UVR Block	Navy Blue 95.2% UVR Block
			
Rivergum 92.3% UVR Block	Steel Grey 93.0% UVR Block	Gun Metal 97.7% UVR Block	Black 97.4% UVR Block Yellow 97.1% UVR Block

Structural Information

- High Strength Pre-galvanized and ASTM
- TGIC polyester powder shall meet or exceed ASTM standards for adhesion, hardness, impact, flexibility, over bake resistance, and sea spray resistance
- The manufacturer shall provide a 20 year non-prorated warranty against failure due to rust-through corrosion on steel frames
- Structural steel tubular products shall be cold-formed structural quality carbon steel complying with ASTM A-500, Grade B except where engineer drawings specify otherwise
- Primed with Zinc rich primer
- Powder coated in the approved color by electro-statically applying and baking at 400 degrees Fahrenheit to a thickness between 3.0 - 5.0 mil for a consistent glossy finish
- Welding performed in accordance with the latest edition of the American Welding Society Structural Welding Code ASW D11
- Standard practice welding performed using E-70 electrodes or gas-metal arc welding utilizing ER 70- S6
- Installation, design, and structural specifications shall be in accordance with ASTM Structural Specifications for Bolted Connections

Limited Warranty

Modern Shade LLC offers a 10 year non-prorated warranty on the shade fabric, a 20 year non-prorated warranty on steel frames and a 1 year warranty on all moving parts, surface coat finish, or any other product or part not covered by the above warranties.

Powder Coat Color Options

(Hot Dip Galvanized finish available upon request)

			
Signal Red RAL 3001	Brown Red RAL 3011	Sepia Brown RAL 8014	Beige RAL 1001
			
Signal Blue RAL 5005	Cobalt Blue RAL 5013	Moss Green RAL 6005	Zinc Yellow RAL 1018
			
Traffic Black RAL 9017	Window Grey RAL 7040	Light Ivory RAL 1015	Signal White RAL 9003