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## Mister Shade Ind. Co. LLC

PO Box: 122490, Sharjah, United Arab Emirates.

Tel: +971 6 5578980 Fax: +971 6 5578981

Email: info@mistershadeuae.com Website: www.mistershadeuae.com



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## INTRODUCTION

MISTER SHADE Ind. Co LLC, established and founded in 1996 and being operated from Sharjah, has built its solid name within the decade for designing, fabricating and actual installation of shade structures all over United Arab Emirates, Oman, mainly among tourist spots in Dubai, Abu Dhabi and among the emirates in UAE. MSI has lately extended its range for fabricating state-of-the-art canopy structures as far as Oman and Qatar and still welcoming to facilitate enquiries from all over GCC.

A wide variety of standard designs for car parking shades is readily available for your quick options and price inquiry. MSI also welcomes enquiry at your own architecture, thus, carefully analyzes each requirement and further recommends the best for your shade needs. We also readily fabricate, supply and install shades for swimming pool area, playground, entrance canopies of different types, sails, and a lot more.

Mister Shade had got their own in-house experienced design team to handle any critical / sophisticated project. Apart from this , we have got regular updates and support from our European principles for the design and development.

Mister Shade Ind . Co. LLC, Dubai branch is located at Al Qusais, Dubai and the Abudhabi branch is located at Al Shama and very soon we will commence our operations in Qatar also.

At Mister Shade, we build according to your architecture with efficiency, quality, and suitable price at the minimum time duration.

Sincerely,

Bur Salvy Service Sabu Subramoniam C. E. O.

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## BACKGROUND

Mister Shade Ind. Co. LLC mainly provides the following items necessary for your shade requirement:

<u>FABRIC</u> The main material of the structure that provides foremost function of the shade and as well as "beauty" to the structure. MSI is using two (2) types of fabric shade, one is the High Density Polyethylene Monofilament, Extra Heavy Duty Knitted Shade cloth (HDPE) which is designed for tensioned members used in architectural and commercial shade structures. The other type of fabric that we also use is the PVC Fabric Membranes, designed mainly to take range of perfect architecture shade, has several fabric thickness that will best suit structural requirements. (Please see MATERIALS Category for detailed info.

We mainly use fabric products from *Polyfab, Australia* and *Gale Pacific, Australia* for HDPE Fabric; *Serge Ferrari, France* for PVC. Also we do fabricate PTFE membrane structures (limited) using the fabric Naizil Spa, Italy.

**STEEL STRUCTURES** MSI uses Mild Steel or Hot Dipped GI Steel as main support for the shade structure, Steel Sections like Circular Hollow Sections, Rectangular/Square Hollow Sections are chiefly utilized for its stability and flexible uses. This may vary according to your standard steel specifications that MSI would facilitate to implement as required. Aluminum, Stainless Steel, Mild Steel hardware accessories are carefully selected and used for fixing the fabric into its steel support. Such accessories would include aluminum extrusions, shackles, bolts, anchor bolts, brackets and a lot more depending on the type of shade.

**FABRICATION & INSTALLATION** MSI has its own factory/ facilities for the stitching of fabric which comprises of patterning, tailoring and layout and welding for PVC fabric. We have state of the art fabric making and cutting machine (fully computerized) supplied by MIS Gerber Technologies, USA. Steel Fabrication has a division of sophisticated CNC cutting, drilling, welding facilitates, which can handle massive tons of steel per day.

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#### MATERIALS

#### I. HDPE Fabric

HDPE Fabric is a unique innovative extra heavy duty knitted shade cloth made from high density polyethylene monofilament and tapes. It is designed for tension membrane shade sails used in architectural and commercial shade structures. Fabric Color varies according to your requirement.

#### **FABRIC PROPERTIES.**

- ➤ An exciting range of fade resistant colors are available, which, when used together with corporate colors will enhance the appearance and image of your company.
- ➤ Provides a shade factor of up to 90% and blocks out up to 96% of the sun's dangerous erythematic rays.
- ➤ Made from high-density polyethylene, incorporating the latest UV inhibitors developed to resist UV degradation.
- ➤ 10 year guarantee on fabric, on a pro-rata basis due to sun exposure.
- ➤Internationally recognized as the premium high-quality world class decorative shade fabric.
- ➤ Basically recommended for car shades, pool shade, sails and aesthetically designed shade structures.

#### TECHNICAL SPECIFICATIONS FOR HDPE FABRIC

Technical Specification						
Breaking Force	Warp	(N/50mm)				
	Weft	(N/50mm)				
Breaking Extension	Warp	(%)				
	Weft	(%)				
Tear Resistance (Wing Tear)	Warp	(N)				
	Weft	(N)				
Bursting Force (Steel Ball)		Mean (N)				
Bursting Pressure		Mean (Kpa)				
Approximate Thickness		mm				
Weight per / sq.m. area		gsm				

Comshade	Commercial 95	Knittex		
799	635			
2147	2494			
83.5	-			
63	-			
172	187	83 kg		
282	359	182 kg		
1861	2146			
3000	3500	228		
-	1.6			
330	340			

## **II. PVC Fabric**

Ferrari pioneered the use of PVDF flouropolymer treatments in textile architectural membranes. This technology launched over 10 years ago, is available a broad range of options tailorable to the exterior performance required.

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#### **FABRIC PROPERTIES.**

<u>Cleaning Performance</u> – The significant concentration of PVDF in the top coat makes cleaning so much easier.

<u>Welding Performance</u> – Formula S delivers excellent weld ability to simplify panel assembly. Strong welds are vital for structures that have to stand temperature extremes and heavy loads.

<u>Calibration</u> – Optimal calibration has resulted from over 10 years of experimentation and experience with composite membranes using various PVDF concentration levels.

Takes range of shapes and curves required aesthetically by designers/architects.

Easy to maintain and Fire Hazard Resistant

Compatible with STEEL Members / Aluminum Accessories for ease in installation.

Waterproofed.

TECHNICAL SPECIFICATIONS FOR PVC FABRIC

Technical Specification			Ferrari					Naizil		
			Precont. 832	Precont. 902S	Precont. 1002	Precont. 1202	Precont. 1302	Precont. 1502		Type 2
Yarn		Dtex PES HT	2 x 1100	1100	1110	1110 / 1670	1110/2200	1670 / 2200		1110
Weight	Veight g/sq.m./31 oz/sq yrd		850	950	1050	1050	1350	1500		280
Width		ст	180	267	180	180	180	180	Ī	950
Tensile Strength	Warp	Dan/5cm	400	420	420	560	800	1000		4000
	Weft	Dan/5cm	400	400	400	560	700	800		4000
Tear Strength	Warp	Dan	50	55	55	80	120	160		500
	Weft	Dan	50	50	50	65	110	140		500
Adhesion		Dan/5cm	11	12	12	12	13	15		-
Surface Treatment			Varnished Both Sides	Formula S-Cal. PVDF	Titanium Base	Titanium Base	Titanium Base	Titanium Base		-

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#### I. Abu Dhabi

- ❖ Various type of shade structure for Yas Water Park, AbuDhabi
- ❖ Shade Structures for **ADEC Schools**, Abu Dhabi
- ❖Play ground shade for 32 locations for Abu Dhabi Municipality,Abu Dhabi
- Emirates Driving School Car parks at Mussaffah, AbuDhabi
- ❖Al Wathba Endurance Village -- shade structures for Ministry of Presidential Affairs.
- Car Shades for Al Ain University campus
- St Joseph Church -- shade structure for play area, Abu Dhabi.
- Carshade structure umbrella for Ministry of Defense in Abu Dhabi.
- Entrance canopy for H.H.Sheikh Mansoor Beach Palace
- ❖Shade structures @ Madinat Zayed college Campus, Higher Colleges of Technology.
- ❖Geao Int'l (UAE) -Basketball Court Cover @
  British School, Abu Dhabi.

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## II Sharjah

- ❖ Playground shade for **Delhi Private School**.
- ❖ Playground shade for **Rosary School**.
- Playground shade for Leader's Private
  School.
- ❖ Entrance Shade Canopy for Sharjah Airport Free Zone.
- ❖ Shade structures for Air Gulf Falcon FZE.
- ❖Shade structures for Al Bagaa Bulding Material Trading.
- ❖ Shade structures for Arabian Gulf Trading Co LLC
- ❖ Shade structures for City Diamond Contracting.
- ❖Shade structure for playground at Delhi Private School.
- ❖ Shade structures for Gardens, Dubai
- Shade structures @ Hamriyah Free Zone Authority.
- ❖Shade structures for Mercedes Benz.
- ❖ Shade structures for Reem Rubber Industries.
- ❖ Shade structures @ SAIF Zone, FZE.
- ❖ Shade structures for Sedana Trading.
- ❖ Play Area shades @ Sharjah English School.
- ❖ Sharjah Wanderer's Sports Club shades.

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#### Jabel Ali

- ❖ Shade structures for Auto Plus, Jebel Ali, Dubai.
- ❖ Shade structures for Auto Trust, Jebel Ali, Dubai.
- ❖ Shade structures @ Al Futtaim Cargo, Jebel Ali, Dubai.
- ❖ Shade structures for Cleveland Bridge, Dubai.
- ❖ Shade structures for Cupola Plastic Cards Ltd, Jebel Ali, Dubai.
- ❖ Shade structures for Exide Al Dobowi Ltd, Jebel Ali, Dubai.
- ❖ Shades @ Jebel Ali Free Zone Authority, Dubai.
- ❖ Shades for Lipton Tea, Jebel Ali, Dubai.
- ❖ Prime Connections Int'l, FZE, Jebel Ali, Dubai.
- ❖ Promo Gifts Int'l,FZE, Jebel Ali, Dubai.
- ❖ Shades for Proserve Export, Jebel Ali, Dubai.
- ❖ Shades for Rohm & Haas, Jebel Ali, Dubai.
- ❖ Shades for Sharp Middle East, Jebel Ali, Dubai.
- ❖ Shades for Show Time, Jebel Ali, Dubai.
- ❖ Shades for Sterling Fluid Systems, Dubai.
- ❖Trouvay Cauvin Gulf, Jebel Ali, Dubai.
- ❖ Shades @ Unilever Gulf Free Zone, Jebel Ali, Dubai.
- ❖Shades structures for Union Carbide, Jebel Ali, Dubai.

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#### IV Dubai

- Endurance village shade structures for Engineer's Office, Dubai.
- Shade structures at Greens for EmmarProperties, Dubai
- Shade structures at Nakheel Sales Office, Jumeirah, Dubai
- ❖ Shade structures at Sheikha Mariam Palace, Dubai for H.H.Ruler's Court, Dubai.
- **❖ Endurance Village shade structures for** Higgs & Hills, **Dubai**
- Endurance Village shade structures for AMBB
- ❖ Nad Al Sheba grandstand cover
- Car shade structures for **Dubai Municipality**Schools
- ❖Shade structures at office premises for **Dutco**
- Central Prison Shade structures for Dubai Police.
- ❖ Shade structures @ Handicapped center, **Dubai**
- Car shades at Al Futtaim Carillion
- Car shade for **Department of Tourism** at two locations in Dubai.

# Yas Water Park - Abudhabi



# ADEC School Projects



# Car Parking Shades











# Miscellaneous Shades







# GCC Projects

