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## Specification Data for AZO Industrial All Weather Carpets - Tiles – Modules

### 1. Manufacturer and Source

Tek Stil Concepts, Inc.; P.O. Box 67, Haddonfield NJ 08033 (856) 428-4464; Fax (856) 429-6532 the exclusive North American Representative for azo Industrial All Weather Carpets and Modules, as manufactured by AZO Synthetik-Fertigungs and Beschichtungs GmbH of D86615 Neuburg, Germany.

### 2. Product Description

AZO All Weather Carpets and Modules are manufactured in a proprietary Fiber V-loop Double Needled Construction, from blended 100% heavy denier (18-240 denier per filament), solution colored olefin fibers, in a UV light fade-, and chemical resistant finish. Berber, Favorite, Herringbone, Cocos, Rugged Entrance, azo Gympro, shall be backed with proprietary dimensionally stable, water permeable backings blended from natural and synthetic rubbers in a smooth finish TB (Tile Back Rubber). Lugano pool carpet shall have proprietary rubber or vinyl drainage nops.

Mammoth 23mm and azo Favorite Aerobic 23mm shall have an SSR proprietary sodium silicate rubber water repellent closed cell foam.

### 3. Pattern Names, Products Specifications, Weights, Sizes, Composition

*(see separate data for ESD conductive azo Industrial Carpet)*

Composition	Group I	Group II	Group III	Group IV	Group V
<b>Important Specification Note:</b> For optimum quality the face fiber of the carpet (pile) shall <b>NOT be impregnated with latex or acrylic resins</b> , so as to mask minimal presence of heavy denier fiber content. Impregnation causes premature pile crushing and poor clean-ability	<b>1700 Series:</b> <b>Berber</b> <b>Favorite Object</b> <b>Favorite Velour</b> <b>Gympro</b> <b>Herringbone</b>	<b>1700 Series</b>  <b>Mammoth NSF</b>  <b>Favorite Aerobic NSF</b>	<b>1400 Series</b>  <b>Rugged Entrance</b>  <b>Special Order:</b> <b>*Berber 1400</b>	<b>1100 Series</b> <b>Special Order:</b> <b>Ski Lift 1100 latex back</b>	<b>1900 Series</b>  <b>Cocos 1900</b>
<b>Face Fibers: Blends of 18-240 d.p.f. staple of highly UV stabilized branded ASOTA olefin fiber. More than 60% of fiber shall be <math>\geq 18</math> d.p.f. for high resistance to pattern crushing and for optimum soil stripping and release. The Face fiber of the carpet (pile) shall <b>NOT be impregnated with latex or acrylic resins</b></b>					
Face Fiber Weight (approx.)	50 ozs/sy 1700 gm/m <sup>2</sup>	50 ozs/sy 1700 gm/m <sup>2</sup>	42 ozs/sy 1400 gm/m <sup>2</sup>	32 ozs/sy 1100 gm/m <sup>2</sup>	62 ozs/sy 1900 gm/m <sup>2</sup>
Primary Latex Backing (approx.)	8.5 ozs/sy 280 gm/m <sup>2</sup>	8.5 ozs/sy 280 gm/m <sup>2</sup>	8.5 ozs/sy 280 gm/m <sup>2</sup>	6 ozs/sy 200 gm/m <sup>2</sup>	8.5 ozs/sy 280 gm/m <sup>2</sup>
Recycled Rubber and Natural Latex Blend Composite Backing (approx.)	22-24 ozs/sy 800 gm/m <sup>2</sup>	N/A	22-24 ozs/sy 800 gm/m <sup>2</sup>	N/A	22-24 ozs/sy 800 gm/m <sup>2</sup>

Composition	Group I	Group II	Group III	Group IV	Group V
Sodium Silicate Foam Rubber NSF (approx)	N/A	130 ozs/sy 4500 gm/m <sup>2</sup>	N/A	N/A	N/A
Synthetic Drainage Nops (approx. weight)	N/A	N/A	N/A	6 ozs/sy 200 gm/m <sup>2</sup>	N/A
Total Weight (approx.)	80-85 ozs/sy. 2800 gm/m <sup>2</sup>	185 ozs/sy. 6500 gm/m <sup>2</sup>	72 ozs./sy 2500 gm/m <sup>2</sup>	42 ozs/sy 1400 gm/m <sup>2</sup>	94 ozs/sy. 3000 gm/m <sup>2</sup>
Rolls (average roll size)	6'6 x 50' 2m x 15.2 lm.	6'6 x 40-46' 2m x 12 lm.	6'6 x 70' 2m x 20lm.	6'6 x 70' 2m x 20 lm.	6'6 x 50' 2m x 15.2 lm.
Tiles/ Modules Gympro Only: (3'3 x 6'6") 1 x 2m Modules	20" nominal (50 cm)	N/A	N/A (pattern match)	N/A	Special order
Total Gauge* (approx.)	3/8" ( 9.6 mm)	1" (23-25 mm)	3/8" (9.5mm)	3/8" (9.5mm)	1/2" (12.5 mm)
<i>Favorite Velour only (approx.)</i>	<i>7 /16" (11mm)</i>				

#### 4. Product Properties

**4.1. Golf Spike Resistance of selected patterns:** Favorite, Favorite Object, Gympro, Berber, Cocos and Herringbone shall resist golf spikes, skis or skates, when full surface glued with approved TSC 300 outdoor adhesive under normal use conditions.

**4.2. Colorfastness:** All colors shall show a rating of not less than "good" after exposure to 500 Standard Fading Hours, testing as specified in Method 5660 of FTMS CCC-T 1916.

**4.3. Abrasion Resistance:** Wear index in excess of 12,000 revolutions. Taber Abrader, H-1 0 wheels, with 1,000 gm weight / wheel.

**4.4. Flammability:** Product shall pass the requirements of DOC FF 1-70.

**4.5. Acoustical Properties: Noise Reduction Coefficient** Rating NRC .25-.35 when tested per ASTM C423-68., Impact Noise Rating is 0.14 for Group 1 and 3 Product; INR is .35 for Mammoth 23mm.

**4.6. Miscellaneous:** Resistant to Carpet Beetles, Vermin. (per ASTM D-1 11 6-65T) and Fungus (FTMS Method 5762).