



TECHNICAL SPECIFICATIONS NuVISTA RUBBER TILE

1. PRODUCT NAME

- NuVISTA Tiles

2. MANUFACTURER

Dinoflex Group Limited Partnership
 P.O. Box 3309
 5590 – 46th Ave. S.E.
 Salmon Arm, B.C. Canada V1E 4S1
 Tel: 250-832-7780
 Toll Free: 877-713-1899
 Fax: 250-832-7788
 E-mail: dinoflex@dinoflex.com
www.dinoflex.com

3. PRODUCT DESCRIPTION

COMPOSITION & MATERIALS

DINOFLEX NuVista Rubber Tiles are a composite product made from a combination of post-consumer recycled SBR (styrene butadiene rubber), EPDM (ethylene propylene diene monomer) rubber, and polyurethane binder. Colored toppings are made from either EPDM granules or SBR granules mixed with pigment. All colored toppings are approximately 1/2" (12 mm) thick. The tile backing is made from 100% recycled pre-consumer SBR and EPDM.

DINOFLEX NuVISTA RUBBER TILES:

- A. **NuVISTA Rubber Tiles** are available in 2ft x 2ft format and two thicknesses to meet your specific requirements.

Tile Size:	Thickness:
24" x 24" = 4 ft² <i>61 cm x 61 cm = 0.37 m²</i> (2' x 2' square tile)	<ul style="list-style-type: none"> • 1³/₄" / 44 mm • 2¹/₂" / 64 mm

NOTE: All measurements are subject to nominal variation.

- B. **Finishing Kits** are furnished to fill in cuts around posts or other obstacles at the end of a project to give a clean finished look.
- C. **Interlocking Pins** are 4" long and 5/8" in diameter. These are included with every order, four per tile, at no charge.
- D. **Half Tiles** are designed so that the area can be installed in a staggered layout.

COLORS:

• 100% Black	• Terra Cotta Red Pigment	• Forest Green Pigment
	• Stone Beige Pigment	• Teak Brown Pigment

Note: Nominal variation in color occurs in all pigmented products. Pigmented tiles are not recommended for high traffic areas because of potential pigment loss.

Standard Colors:				
25% Speckled EPDM		50% Speckled EPDM		75% Speckled EPDM
• Green	• Red	• Beige	• Orange	• Brown

4. DESIGN & BASIC USE

- a) DINO FLEX **NuVISTA** recycled rubber tile may be used in rooftop applications. Please note: check with an accredited structural engineer to ensure that the rubber tiles meet your roof load and wind lift requirements.
- b) DINO FLEX **NuVISTA** recycled rubber tile replaces hard surfacing in many exterior environments.
- c) DINO FLEX **NuVISTA** recycled rubber tile “interlocking system” which provides an easy, self-aligning installation feature that may require adhesive.
- d) DINO FLEX **NuVISTA** recycled rubber tile can be installed over sub-surfaces which include concrete, asphalt and well compacted granular bases. Other sub-surfaces shall be approved by DINO FLEX.
- e) The sub-surface must be evaluated and approved by the installer prior to installation. Specifically, but not exclusively referring to gradient and drainage. A qualified installer or roofing contractor is recommended for rooftop installations.

5. INSTALLATION METHODS

Refer to **DINO FLEX NuVISTA TILE Installation & Maintenance Guidelines** for information relating to sub-surfaces listed:

- 1) Concrete sub-surface
- 2) Asphalt sub-surface
- 3) Compacted granular base
- 4) Rooftop membranes
 - a) Perimeter containment
 - b) Perimeter gluing or spot gluing
 - c) Total glue down on hard surface or filter cloth (optional)

Use adhesives recommended by DINO FLEX. Refer to DINO FLEX **NuVISTA** Tile Installation & Maintenance Guidelines for more information.

6. INSTALLATION CONDITIONS

- a) Lay out all the tiles to be installed the next day on or near the sub-surface. Allow tiles to equalize to average ambient temperature for at least 24 hours.
- b) Materials shall be protected from weather extreme temperatures, solvents, and sources of damage prior to and during installation.

7. TECHNICAL DATA

TEST STANDARDS FOR: AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- **ASTM C1028** Standard Test Method for Determining the Static Coefficient of Friction by the Horizontal Dynamometer Pull-Meter Method.
- **ASTM E303** Standard Test Method for measuring surface frictional properties using the British Pendulum Skid Resistance Tester.
- **Water Drainage** A tube measuring 6" diameter x 12" high was placed on the surface of the tile, 4 litres of water was poured in the tube which filled it to the 8" mark.

PHYSICAL / CHEMICAL PROPERTIES

<u>TEST PROCEDURE</u>	<u>DESCRIPTION</u>	<u>ACHIEVED VALUES</u>
ASTM C1028-84	Static Coefficient of Friction	(Subject to nominal variation) Dry .0.68 Wet 0.75 (Pigment colors)
ASTM C 1028	Static Coefficient of Friction	Dry 0.74 Wet 0.78 (50% epdm color)
ASTM E303	Surface Friction	Wet: .56
ASTM D573	Aging & Weathering	No Effect (75% epdm color)
Water Drainage	Porosity	4 litres of water drained in 306.71 sec

Copies of test reports and additional product information are available upon request.

8. INSTALLATION & MAINTENANCE PROCEDURES

Use a qualified or certified installer with experience installing similar recycled rubber surfacing products. Refer to Dinoflex Group Limited Partnership "**NuVISTA** Tile Installation & Maintenance Guidelines".

- Toll Free Tel: 877-713-1899
- Direct Line: 250-832-7780
- Fax: 250-832-7788
- www.dinoflex.com

9. AVAILABILITY & COST

AVAILABILITY

Please, contact the dealer, distributor, or Dinoflex for information on availability.

COST

Pricing information may be obtained from dealer, distributor, or Dinoflex

10. WARRANTY

The standard warranty period is 5 years from date of shipment. Please, see DINO FLEX's limited warranty for particulars of coverage.

11. TECHNICAL SERVICES

Contact Dinoflex for more information, where a staff of trained customer service personnel offers design assistance and technical support.

12. FILING SYSTEMS

- Exterior Rubber Surfacing Brochure