iQ Optima Acoustiflor — Product Specification

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. **Proprietary Product**: Homogeneous sheet vinyl flooring with a foam underlayer designed to reduce noise transmission and absorbs impacts. Advanced iQ construction allows for no wax or finish for life.

1.2. Recommended areas for use:

- Healthcare – Patient rooms, exam rooms, lobbies, corridors, emergency rooms, critical care, laboratories
- Education – Classrooms, corridors, multipurpose rooms, gymnasiums, laboratories, cafeterias
- Offices – Break rooms, offices, corridors, cafeterias, lavatories
- Retail – Sales areas, offices
- Hospitality – Corridors, vending areas, lobbies, bathrooms

1.3. **Manufacturer:**

Tarkett North America — Phone: (800) 899-8916
30000 Aurora Rd. (440) 543-8916
Solon, Ohio 44139
Web: www.tarkettna.com

1.4. **Proprietary Product Description:**

Construction: Optima Acoustiflor is composed of iQ technology, which is an exclusive blend of quality raw materials that provide a superior wear and abrasion resistance surface. Underlayer foam provides added comfort under foot and reduces noise transmission.

1.4.1. **Styles:**

- **OPTAC-R**
- Overall thickness: 0.146" nominal (3.7 mm)
- Packaging: Available in 6' 5" (1.95 m) wide and approximately 82'" linear feet (25m) per roll

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1. **Meets below performance requirements in accordance with ASTM F 1303, Sheet Vinyl Floor Covering with Backing**

2.2. **Flexibility** (ASTM F 137): Passes

2.3. **Wear Layer Thickness** (ASTM F 410): .056" (1.42 mm)

2.4. **Chemical Resistance** (ASTM F 925): Passes

2.5. **Residual Indentation** (ASTM F 1914): Passes

2.6. **Static Load Limit** (ASTM F 970): 250 psi, ≤ 0.005"

2.7. **Static coefficient of friction** (ASTM D 2047): > 0.6

2.8. **Acoustical** (ASTM E 492): Impact Insulation Class of 61 IIC

2.9. **Electrostatic Propensity** (EN 1815): < 2 kV

2.10. **Fire Resistance**:

- ASTM E 648/NFPA 253 (Critical Radiant Flux), Class 1
- ASTM E 662/NFPA 258 (Smoke Density), less than 450

3. INSTALLATION

See homogeneous sheet flooring installation instructions for complete details.

3.1. **Roll Adhesive:**

- **Tarkett 925 Adhesive Coverage**:
  Porous Substrate: 125-150 sq. ft./gal.
  Non-porous Substrate: 150-175 sq. ft. per gallon
- **Tarkett 975 Two-Part Polyurethane Adhesive Coverage**:
  Porous & Non-porous Substrate: 225-250 sq. ft. per gallon
- **Tarkett 901 SpraySmart Adhesive Coverage**:
  150 sq. ft. per. container

4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

5. WARRANTY

Limited 10 year warranty. For complete details, contact Tarkett or an authorized Tarkett distributor.

6. MAINTENANCE

72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to Homogeneous sheet maintenance instructions for complete maintenance details.

7. TECHNICAL SERVICES

Samples: Submittal samples for verification and approval available upon request from Tarkett. Samples shall be submitted in compliance with the requirements of the contract documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.tarkettna.com or contact Tarkett at 1-800-899-8916.

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