Renovation of Resilient Floor Coverings

Arboritec Nordic Elastic

Key Features

- Durable, eco-friendly, and premium surface finish.
- Fast renovation and protection of resilient floors (walkable after 3 hours, fully cured after 3–5 days).
- Cost-effective solution for vinyl (LVT, LVP, homogeneous vinyl), linoleum, and rubber.
- Extends floor lifespan with much higher protection.
- Reduces floor maintenance costs.
- Wide choice of sheen: ultra-matte, matte, semi-gloss, high gloss.
- New business opportunity for professional floor installers – a value-added service for customers.
- Resource-efficient: extending floor life and renovating instead of producing new material.

Facts

Note: The typical thickness of PU lacquer (PUR protective layer) for PVC is approx. 5–20 µm (residential 5–10 µm, commercial 8–12 µm, industrial 10–20 µm).
PU/PUR surface finishing is essential for maintenance and protection.
The thickness of the additional layer applied with Arboritec Nordic Elastic is approx.:

- 1 coat: 20–30 µm
- 2 coats: 40–50 µm

Surface treatment of resilient floors

Important Points when working with ArboritecNordic Elastic

- Before starting, ensure that the floor, room, and coating temperatures are between +15 °C and +25 °C, with relative humidity between 40% and 60%.
- Make sure the floor is free from wax, polish, dirt, or other contamination before applying the finish.
- The coating may optionally be mixed with an additive, for example to improve the slip resistance of the surface. When applying two coats, the addition of the additive is only recommended in the top (final) coat.
- When applying with a roller, ensure the entire surface is evenly covered.
- Roller application using a crosswise method ensures an application amount of approximately 50 ml/m². With two-coat application, a durable coating thickness of approximately 40 µm is achieved.
- If applying two coats, ensure the first coat is completely dry before applying the second one for optimal results.

Preparation of Resilient Floors

1. **Thorough removal of layers:**
   The floor must be free of all polishes, waxes, dirt, and contaminants. Use a remover according to the manufacturer's instructions. Dilute the remover if necessary and repeat the process as required. Depending on the floor structure, use a green, brown, or black pad or similar mechanical cleaning tools. Linoleum floors can be sanded mechanically with sandpaper and then cleaned chemically with remover.
2. **Removal of residues and dirt:**
   Use a wet vacuum, cotton mop, or microfiber mop. Then wipe the floor with a clean mop and water to neutralize the surface. Repeat steps 1 and 2 until the floor is completely free of polish, wax, dirt, and contamination – this ensures optimal adhesion of the new finish.
3. **Deep cleaning of the floor:**
   Spray *Clean 'n Coat* onto the floor surface. Spread it using a microfiber mop or use a 175 rpm buffer with a red or maroon pad for deep cleaning. Immediately remove residues with clean water and a cotton cloth or microfiber mop before drying. Repeat until the floor is free of streaks, dirt, and contaminants. Allow the floor to dry sufficiently, then lightly sand with a fine abrasive pad (e.g., maroon or similar). Remove all particles and dust with a vacuum or microfiber mop and let the floor dry completely.
4. **Surface abrasion:**
   Structured LVT flooring must be lightly abraded using a fine textured (nibbed) pad. Abrasion shall be carried out wet as a so-called "rinsing abrasion" in order to remove residues of cleaning agents and fine surface contaminants. The resulting slurry must be removed immediately using a wet vacuum cleaner.

Note: The floor must be coated within 2 hours after drying. If the entire area cannot be coated within 2 hours due to its size, work in sections according to the *Clean ’n Coat* procedure above.

Recommended Systems

For Linoleum

- Primer: First Coat
- 1st top coat: Nordic Elastic
- 2nd top coat: Nordic Elastic

Note: Linoleum floors, like wooden floors, may be polished/sanded with a fine abrasive pad (grit 120 or 180) after primer application. Vacuum thoroughly before applying the top coat. For more details, see the Arboritec Nordic Elastic technical datasheet.

For PVC, LVT, LVP, and Rubber

- 1st top coat: Nordic Elastic
- 2nd top coat: Nordic Elastic

For Recoating All Types of Resilient Floors

- Preparation: Clean ’n Coat
- 1st top coat: Nordic Elastic
- 2nd top coat: Nordic Elastic

Note: All systems begin with thorough stripping/preparation of the floor.

Technical Data Summary

Product Application	Coverage (per 1 L)	Drying Time
First Coat (primer for linoleum)	10–15 m² / application	30–60 min
Nordic Elastic (coating for resilient floors)	15–20 m² / application	1–3 h
Clean ’n Coat (recoating preparation)	50–150 m² / L	N/A

Cleaning and Maintenance

The cleaning process for floors treated with Nordic Elastic does not differ from other floors. Simply use a mild, neutral cleaner and follow standard cleaning procedures and frequency.

- **Arboritec Cleaner** for daily cleaning: solvent-free, effectively removes stubborn dirt and stains, quick-drying.
- **Arboritec Refresher** modern maintenance product for PUR-coated floors, wood, laminate, vinyl, PVC, or linoleum. Reduces visible signs of aging.
- For more information, see Arboritec cleaning and maintenance instructions.