

DuRa Finish™ **ULTRA MATTE** – UrbanWood's Finish for Residential Applications

DuRa Finish ULTRA MATTE was originally developed for UrbanWood's sister-brand CRAFT Artisan Wood Floors. The finishing technology has been incredibly reliable and well received, and has subsequently been adopted for all UrbanWood flooring. **DuRa Finish ULTRA MATTE** derives its name from the Durability and Radiance which is perfectly combined to produce the ultimate residential wood flooring finish. Through the application of multiple coats of advanced protective finish in micro-thin layers which perfectly conform to the subtle contours of wood's natural surface, DuRa Finish ULTRA MATTE mimics the look of a natural oil finish, while having the function and performance of a durable UV cured urethane finish.



DuRa Finish™ **ULTRA MATTE** UrbanWood's Finish for Residential Applications

- ✓ Beautiful appearance mimics natural oil finish
- ✓ High degree of clarity creates radiance and wood luster
- ✓ Highly scratch and abrasion resistant
- ✓ Gloss level of 6-8%
- ✓ Anti-yellowing technology resists colour change
- ✓ Water and stain resistant
- ✓ **GREENGUARD Gold** certified, ultra-low VOC emissions

30 Residential
3 Light Commercial
Years Finish Warranty

+ Limited Lifetime Structural Warranty

Product Testing and Indoor Air Quality



UrbanWood flooring with DuRa Finish Ultra Matte undergoes regular testing for VOC emissions and consistently achieves GREENGUARD Gold certification. This testing screens for more than 360 VOCs and has such stringent low-VOC emission standards that products which have achieved GREENGUARD Gold certification are considered safe for environments such as hospitals and schools.



URBANWOOD FLOORS urbanwoodfloor.com
TF 1-877-828-1888 EMAIL connect@urbanwoodfloor.com

DURA FINISH™ ULTRA MATTE – UrbanWood's Finish for Residential Applications

DuRa Finish ULTRA MATTE is a proprietary finishing system that uses water-based coatings in conjunction with technically advanced UV cured polyurethanes which employ macro-molecule cross-linking technology with silicon dioxide and acylated PU resin. These advanced coatings are applied in micro-thin layers, perfectly forming to the subtle contours of the wood's surface.

Technical Test Results DuRa Finish ULTRA MATTE

Test	Standard	Result
Abrasion Resistance	ASTM D 4060 (S 33) ¹	750 cycles
Cross Hatch Adhesion	EN ISO 2409 ²	1
Coin Scratch Resistance	Works norm TC_01 ³	20N
Impact Resistance	EN 438-2.20 ⁴	5N
Pencil Hardness	ASTM D 3363 ⁵	H
Gloss	60°	6-8°
Stain Resistance	EN 438-2.26 ⁶	5
Coefficient of Friction	EN 13893 ⁷	0.52
Flame Spread Test	ASTM E84-20	Class C
Flame Spread Test	CAN/ULC S102-18	150

¹ ASTM D 4060 (S 33) measures abrasion resistance of organic coatings by the Taber abraser.

² The results of EN ISO 2409 are on a scale from 0-5, with 0 having the best performance and 5 having the worst performance.

³ Works norm TC-01 is an internal test developed by Treffert Coatings to measure resistance to broad pressure damage. A result of 20N is considered a pass.

⁴ EN 438-2.20 is a spring force test that measures the resistance to impact by a small-diameter ball.

⁵ ASTM D 3363 is used to determine the hardness of a coating by employing pencil hardness measurements. Results rank on a scale from 6B (the softest) to 6H (the hardest).

⁶ EN 438-2.26 measures stain resistance on a scale from 0-5, with 0 having the worst performance and 5 having the best performance.

⁷ EN 13893 measures the dynamic coefficient of friction on flooring surfaces.

Stain Resistance Test Results DuRa Finish ULTRA MATTE Test Standard: ASTM D 3023 (4 hours)

Substance	Note
Coffee (hot)	No stain
Red Ink	No stain
Mustard	No stain
Black shoe polish	No stain
2% Iodine tincture	Yellow stain
5% Sodium carbonate	No stain
Alcohol	No stain
Olive oil	No stain



URBANWOOD
Floors for urban living

URBANWOOD FLOORS urbanwoodfloor.com
TF 1-877-828-1888 EMAIL connect@urbanwoodfloor.com

DURA FINISH™ ULTRA MATTE – UrbanWood's Finish for Residential Applications

Care and Maintenance of a DuRa Finish ULTRA MATTE Floor

In order to get the longest life out of any urethane finished wood floor, it is of utmost importance to follow several important recommendations, which are covered in the *Care & Maintenance of an UrbanWood Floor* guide, available for download at: urbanwoodfloor.com/uw-install.pdf

Accessories

All UrbanWood accessories are finished with the same process as the matching flooring, thus ensuring a comparable appearance in stain colour, gloss level, wearability, etc.

Gloss Level

The target gloss level of DuRa Finish ULTRA MATTE is 6-8%, which is similar to that of a natural oil finish. Although it is technically possible to achieve a gloss level below 6%, floors with gloss levels below 6% look dull and lack the luster and depth of a natural oiled floor. Gloss levels above 10% make a floor look shiny and unnatural. A gloss level of 6-8% gives wood beautiful depth and luster while still maintaining the look of natural wood.

Resistance to Colour Change

All stains, glazing and coatings used to colour and finish an UrbanWood floor are formulated to be resistant to UV discoloration such as yellowing, and to maintain colour consistency over time. However, it should be noted that continuous exposure to high levels of UV rays can lead to gradual colour change. For projects with large south-facing windows, it is strongly recommended to utilize UV protection to greatly reduce the possibility of eventual colour change of all interior materials including furniture, artwork and flooring. Aftermarket protective films, such as those made by 3M, are one recommended solution.

Refinishing a DuRa Finish ULTRA MATTE Floor

DuRa Finish ULTRA MATTE is a hard, abrasion resistant coating that is not easily removed from the surface of wood. It is nonetheless possible for professional wood flooring refinishers to remove the finish by using specialized floor sanding equipment. In the event that the entire finish is removed, in what is known as a "sand and refinish" process, all of the finish, including the stain and the wood's original texturing will be entirely removed. This process will often remove 1mm or more of the floor's overall thickness, and is usually only required when the finish is severely degraded, or for when it is required to change the floor's stain colour or wood texturing. In instances where the surface of the floor is only moderately worn, and the underlying stain remains unaffected, it is often possible to do what is referred to as a "screen and re-coat" whereby new surface coatings are added to the existing finish. It is possible to successfully do a screen and recoat on a floor with DuRa Finish ULTRA MATTE, but it is strongly recommended to do isolated testing first before attempting the procedure on an entire floor.



URBANWOOD
Floors for urban living

URBANWOOD FLOORS urbanwoodfloor.com
TF 1-877-828-1888 EMAIL connect@urbanwoodfloor.com