



Arkote Coating Systems

Technical Reference Guide



Kolorkote by Arkote

Entry-Level Powder Coating System

Application & Environment:

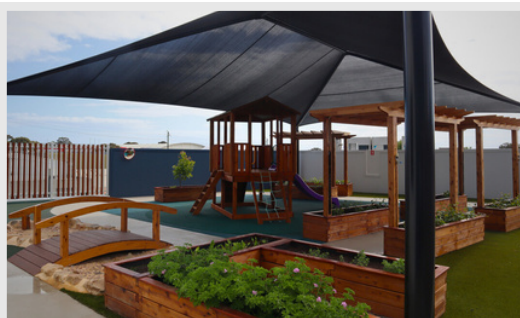
- Provides a clean, quality appearance and resists light wear and damage.
- Commonly applied over zinc anneal and Duragal® where the zinc layer remains intact and free from weld or grind damage.

Production Process:

- Basic surface preparation, including light degreasing and removal of major surface defects.
- A premium powder topcoat is applied and then oven-baked to ensure proper curing.

RAW STEEL
TUBE

TOPCOAT



Tuffkote by Arkote

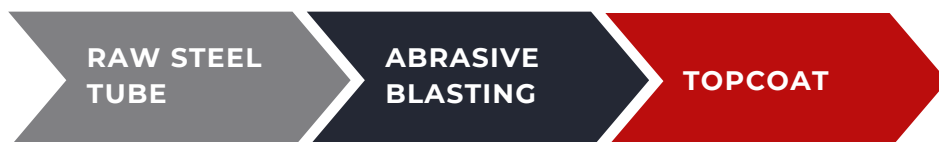
Durable Powder Coating System

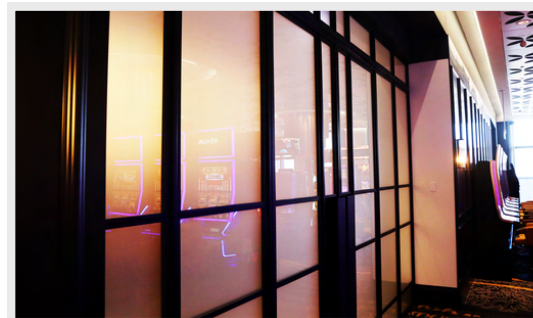
Application & Environment:

- Suitable for exterior use in mild to moderate outdoor conditions. Ideal minimum coating for bare mild steel in outdoor settings.
- The abraded surface ensures superior adhesion and improved corrosion resistance. Common substrates include aluminium and hot-dip galvanised steel.
- Frequently used for industrial and agricultural applications like: fence posts, gates, trailers, equipment frames, etc.

Production Process:

- Begins with Kolorkote preparation, then adds mechanical abrasion (e.g., abrasive blasting) for surface roughening and outstanding adhesion.
- Applies a premium powder topcoat, cured with strict controls for unparalleled adhesion and durability.





Endurakote by Arkote

Enhanced Dual-Layer Powder Coating System

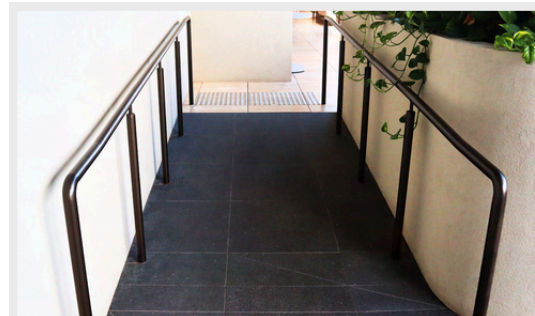
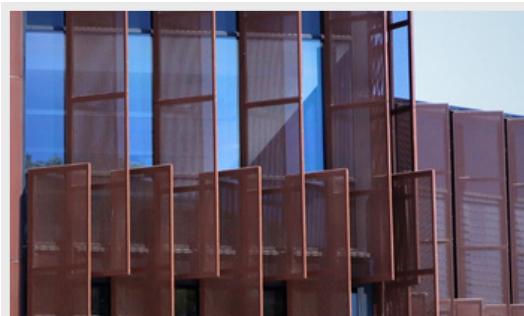
Application & Environment:

- Offers superior corrosion resistance for harsh and coastal environments.
- Primer layer improves surface uniformity and conceals imperfections, boosting visual appeal.
- Recommended where enhanced protection and longevity are essential, even if the outer layer is damaged.

Production Process:

- Follows the full Tuffkote preparation method, including abrasive blasting.
- Adds a zinc-rich or modified epoxy primer before applying the premium powder topcoat.
- Precision oven-curing ensures proper bonding and protection.





Ultrakote by Arkote

Premium 3-Layer Powder Coating System

Application & Environment:

- Designed for the toughest conditions requiring maximum protection and a long-lasting finish.
- Delivers an exceptionally smooth, thick, and durable coating.
- Ideal for high-performance, warranty-backed applications in aggressive outdoor environments. Contact Arkote to discuss warranty options specific to your needs.

Production Process:

- Builds on the Endurakote system with an additional intermediate modified epoxy layer between the primer and topcoat.
- All layers are oven-cured with strict time and temperature controls for maximum performance.

