



Aeon™

Collection

Enhanced performance laminate worksurfaces

 Wilsonart®

Aeon™ Collection

Representing a first-to-market innovation for Wilsonart, Aeon™ is setting a whole new standard in laminate worksurfaces.

Busy kitchens demand tougher surfaces - and that's exactly what we've created with Aeon™; a range of super-hardwearing laminates that have been uniquely engineered to deliver higher performance, right where you need it. And there's absolutely no compromise on style. Quite the contrary. Conveniently, the intensity of the Aeon™ manufacturing process results in greater clarity, fidelity and colour to create our toughest, most vibrant range yet.





Why choose an Aeon™ worksurface?

- The Aeon™ range of high performance laminates is the most technologically advanced on the market.
- Aeon™ worksurfaces are measurably harder and tougher than standard laminate worksurfaces - 3-5x tougher!
- Its super-hardwearing properties make Aeon™ perfect for busy, high traffic kitchens.
- The range boasts stunning decors across our 'premium plus' and 'premium' collections, in a choice of realistic and sensual design-enhancing textures.
- As well as the performance enhancing benefits of Aeon™, the technology produces a surface that features improved clarity, fidelity and colour too.
- Whatever your decor choice, your ultra-durable Aeon™ worksurface will stay looking like new for longer, even on gloss and dark coloured surfaces.
- Easy to handle and care for - Aeon™ reduces scuffing in transit, on the job site, during installation and long afterward.

Surface Finishes

Premium Plus

These high definition finishes are the toughest of the tough, giving 5x more scuff and scratch resistance* and 3x more wear resistance.** HD integrates the best of everything to create a truly unique texture and optical effect.



Mirage (35)



Glaze (55)

Premium

Still extraordinarily tough compared to standard laminates, Aeon™ worksurfaces with these finishes give 3x more scuff and scratch resistance* and 3x more wear resistance** too.



Quarry (52)



High gloss (01)



Antique (22)



Soft grain (12)



Textured gloss (07)

* Improvement versus standard Wilsonart Laminate

** Improvement versus the industry benchmark (NEMA LD 3-2005) for wear resistance

What's the difference with Aeon™?

In scratch tests Aeon™ out-performs by 3-5x



Aeon™



Non - Aeon™



Competition

3 – 5x more scuff and scratch resistant

- Under a controlled abrasion test - laminate samples were subjected to 200 passes with a weighted, industrial strength Scotch-Brite™ pad.
- Depending on the finish type and pattern, Aeon™ Enhanced Performance laminates outperformed traditional laminate by a factor of 3x to 5x!*

3x more wear resistant

- This test measures the number of cycles it takes for an abrasive sandpaper pad to wear through the laminate surface at two points;
- The NEMA standard for traditional laminate is 400 cycles. Aeon™ laminates reach 1,200 cycles, outperforming the standard by 3x!**

- Not just a coating - a whole new way of making laminate.
- Makes it dramatically more durable.
- Layers of resin-treated papers processed under high heat and pressure create a tough, flexible, decorative surface.
- Outperforms traditional laminate by 3x on wear resistance and by 3-5x on scratch and scuff resistance.
- The Aeon™ process itself enhances decor designs.
- Wood decors look richer.
- Stone effects look intensely more authentic.



* Improvement versus standard Wilsonart Laminate

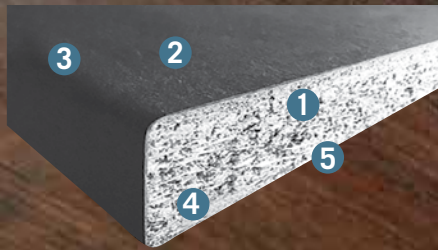
** Improvement versus the industry benchmark (NEMA LD 3-2005) for wear resistance

How we make Aeon™

On the surface of it (and the sides and underneath), our Aeon™ enhanced performance laminate worksurfaces look much like our standard laminate worksurfaces. That's because the Aeon™ technology that makes such a difference is locked inside the laminate surface itself.

Composition of an Aeon™ worksurface

Manufactured to the highest standards for complete quality assurance, here are the key components of an Aeon™ laminate worksurface.

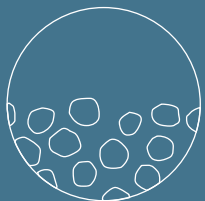


- 1 Substrate
- 2 High Pressure Enhanced Performance Laminate
- 3 Post-formed edge
- 4 PUR under-edge water resistant seal
- 5 Moisture resistant barrier

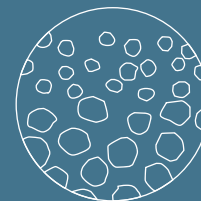
3 – 5x more
scuff and scratch
resistant

3x more
wear resistant

The science behind Aeon™ technology



All laminate worksurfaces incorporate particles of aluminium oxide, the primary material that makes them wear resistant. In the production of our standard laminates, larger oxide particles are used, that settle lower down in the laminate surface.



In the production of Aeon™ worksurfaces, the oxide particles are varied in size to include much smaller ones and their distribution within the surface is meticulously controlled here at Wilsonart. This means we can ensure that the key ingredient that gives each Aeon™ worksurface its extraordinary toughness is evenly spaced and in graduating layers, with the smallest nearest to the top for maximum effect, 3-5x more effectiveness to be precise.

* Improvement versus standard Wilsonart Laminate

** Improvement versus the industry benchmark (NEMA LD 3-2005) for wear resistance

Quality

All Aeon™ surfaces are made to the same exacting high standards as all Wilsonart worksurfaces:

- Holders of FIRA GOLD certification.
- Conform to EN standards, through ISO 9001:2008 business management systems.
- Conform to BS EN ISO 19001:2007 through the Occupational Health and Safety system (OHSAS).
- Supported by the BM TRADA Certification Body*


As holders of the furniture and kitchen industry's top quality FIRA GOLD certification, you can be confident your Aeon™ surface is of a consistently high standard.



*An organisation that provides independent certification, testing, inspection, training and technical services around the world.

‘Measurably
harder and
tougher’





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