



Hydrics



Hydrics™ Plated Finish

Our unique Hydrics™ plated finish on our brass luminaires is applied using a chemical technique unlike conventional electroplating. Its desirable appearance is similar to stainless steel however the luminaire's thermal brass construction allows for superior LED performance. The finish can endure long-term exposure to salt, chlorine, soil and many other substances within a harsh environment.

Hydrics™ and the metalisation of brass

Hydrics™ is a 18 stage process involving complex acidic, chemical and detergent cleansing for removing all traces of impurities deep within the brass pores. A carefully controlled chemical growth process deposits the sophisticated finish onto the brass surface. Final thermal hardening and strict quality control tests ensure a superior finish.



Resistant to the harshest of environments and man-made substances

Hydrics™ has been proven in the field to withstand exposure to a diverse range of chemicals, substances and harsh exterior environments. Hydrics™ exceptional properties ensure durability and longevity making it suitable for all commercial and architectural settings.





Superior finish

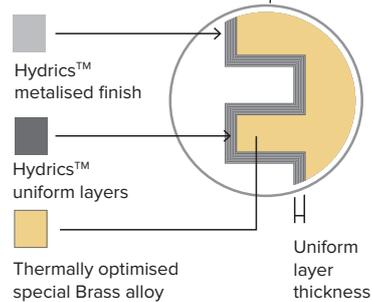
Hydrics™ plating has a similar appearance to brushed stainless steel desired by modern architecture. Hydrics™ is an extremely 'tough' metal surface layer with excellent corrosion resistance.



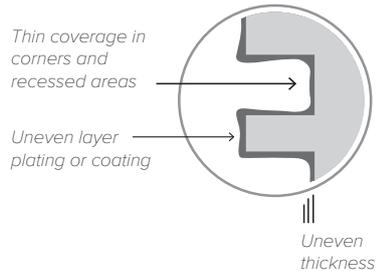
Consistent uniform coating

The unique metal plating process provides a uniform coating superior than traditional methods. Hydrics™ is designed to last the life of the luminaire with little change over time.

Hydrics™ plating



Traditional electro plating





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