

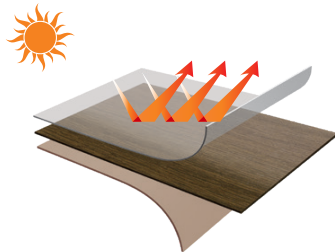
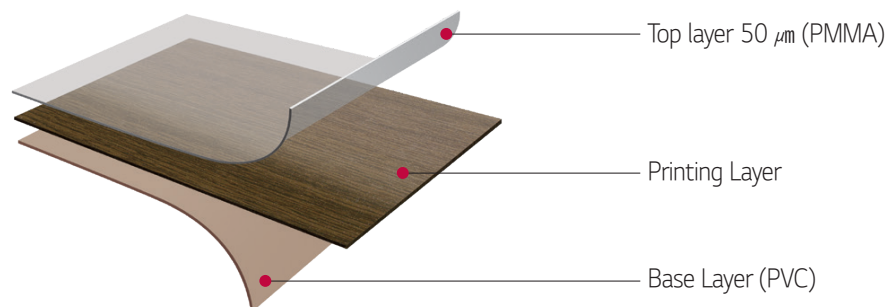
Exterior foil E200

LG Hausys E200 Exterior Foil has been applied to PVC Window & Door profiles with various designs and colours. And it has performed extremely well and proven its worth across Europe, Turkey and Russia for over the last 10 years.

LG Hausys E200 Exterior Foil consists of two layers that are protected by a transparent upper layer of PMMA film.

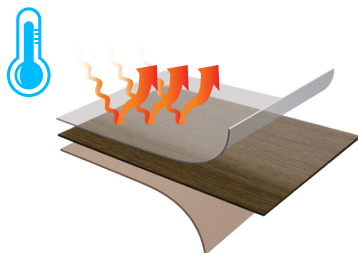
It comprises of polymethylmethacrylate (PMMA), which is a material resistant to the harshest of climates and absorbs UV radiation.

Therefore, we can offer a warranty of up to 10 years for our E200 Foil. The entire RAL certified product range consists of over 100 colours. Differentiated design expressions are available, including diversified patterns, varied colours, and surface treatments for realistic textures of wood, stone, leather, etc. As well as excellent customization through our bespoke in house colour-matching service.



UV Resistance

Our products offer performance ability with the best UV resistance. This means that our product receives better and longer colour-retention abilities. This is very similar to the mechanisms used in sun-block technology. Tiny particles are dispersed in the coating between the polymer chains, protecting the colour from UV light damage. Therefore, the richness and high-gloss of the colour barely changes over its lifetime and any signs of any product aging are negligible.



HBU (Heat Build Up)

E200 reflects infrared rays in order to lower the surface temperature of the laminated profile. Our optimised recipe protects against infrared rays by using our IR reflective inorganic pigments. This retains dimensional stability when applied to PVC Profiles, minimising energy loss to give a longer lifespan with greater energy efficiency.

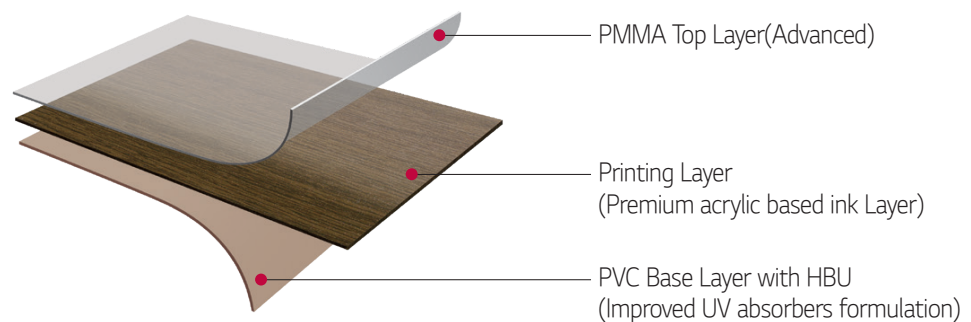
Exterior foil E300

LG Hausys E300 Exterior Foil features the upgraded top layer of transparent polymethylmethacrylate (PMMA) film, which plays a significant role in its weatherproofing performance. The UV protection level has been improved to 30GJ from the previous level of 20GJ which means that we can ensure a 15 year guarantee according to European standards.

The improved colour pigments have also increased its weatherproof abilities too, when compared to the previous version and using the new HBU (Heat Build Up). Ultimately this prevents deformation of PVC Profiles and helps to extend even further the life of PVC Windows & doors in building construction.

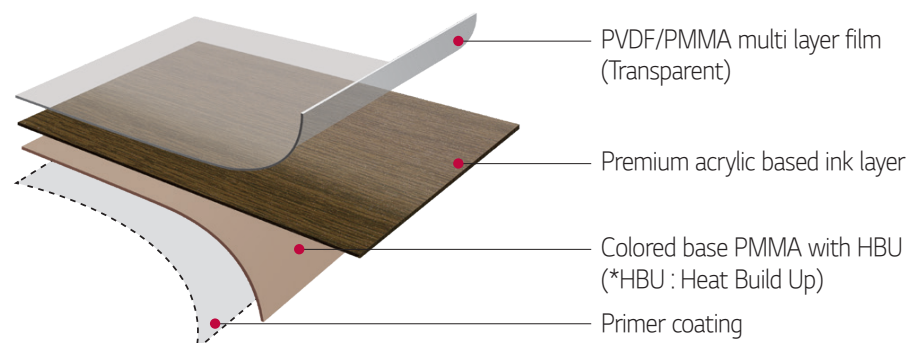
Furthermore the newly developed base film with enhanced weatherproof ability and workability can be easily applied without additional settings or changes during application, for the product has been upgraded with the same processing conditions as those of the previous E200 series.

Therefore it's as easy to apply as E200 is but with greater long term performance for added customer assurance or greater longevity in harsher climates.



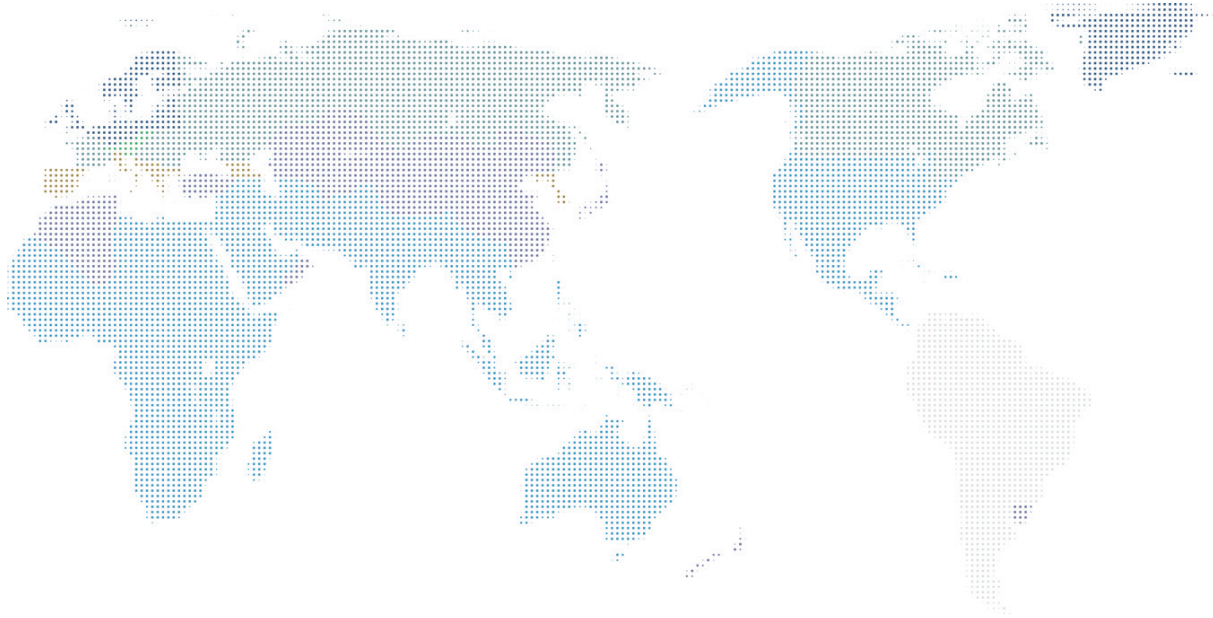
Exterior foil E300 plus

LG Hausys E300 Plus Exterior Foil has been designed with a totally new structure in order to further overcome the limitations of weatherproofing performance and surface protection. The PVDF (polyvinylidene fluoride) coated PMMA (polymethylmethacrylate) film is applied to the top layer and PMMA to the base film. This achieves a super weatherproof exterior foil with the absolute minimum performance of 30GJ and greater. In particular, the fluorine coating we apply is even more highly resistant to scratching, environmental pollution and moisture damage than its allied products. Because of these upgraded surface properties, E300 plus is highly recommended & specified for exterior surface finishing materials for the harshest of environments. The guarantee term has been extended by up to five years, which is applicable even in North & America, Australia, India, Middle East and Africa, including tropical areas where a warranty previously was difficult to achieve.



Warranty

The warranty is limited to end use in the following countries at altitudes of up to 1,800 meters above sea level.



Country Group	Class	1Group	2Group	3Group	4Group	5Group	6Group
Exterior Foil E200	M20	10years	10years	7.5years	5years	-	-
Exterior Foil E300	M30	15years	15years	10years	10years	5years	-
Exterior Foil E300 plus	M30	15years	15years	12.5years	10years	10years	5years

Group 1 Belarus, Belgium, Czech Rep, Denmark, Estonia, Finland, France(north of 46 N), Germany, Ireland, Iceland, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Sweden, United Kingdom

Group 2 Austria, Liechtenstein, Switzerland, Slovakia, Slovenia

Group 3 Canada, France(not inc. French Overseas Regions and Corsica), Hungary, Moldavia, Romania, Russian Federation, Serbia, Ukraine

Group 4 Albania, Andorra, Armenia, Azerbaijan, Bosnia & Herzegovina, Bulgaria, Croatia, Georgia, Greece(mainland), Italy, Korea, Monaco, Macedonia, Montenegro, Spain(mainland), Portugal(mainland), San Marino, Turkey(European part), Vatican City

Group 5 Algeria, China, Greek Islands, Israel, Japan, Kazakhstan, Kyrgyzstan, Lebanon, Malta, Morocco, Mongolia, New Zealand, Oman, Portugal(Azoren and Madeira), Tajikistan, Turkey(Asian part), Tunisia, Turkmenistan, Uruguay, Uzbekistan

Group 6 Africa countries (not specified Group 5), North America countries (not specified Group 5), Southeast Asia, Middle East Asia, Australia, India