



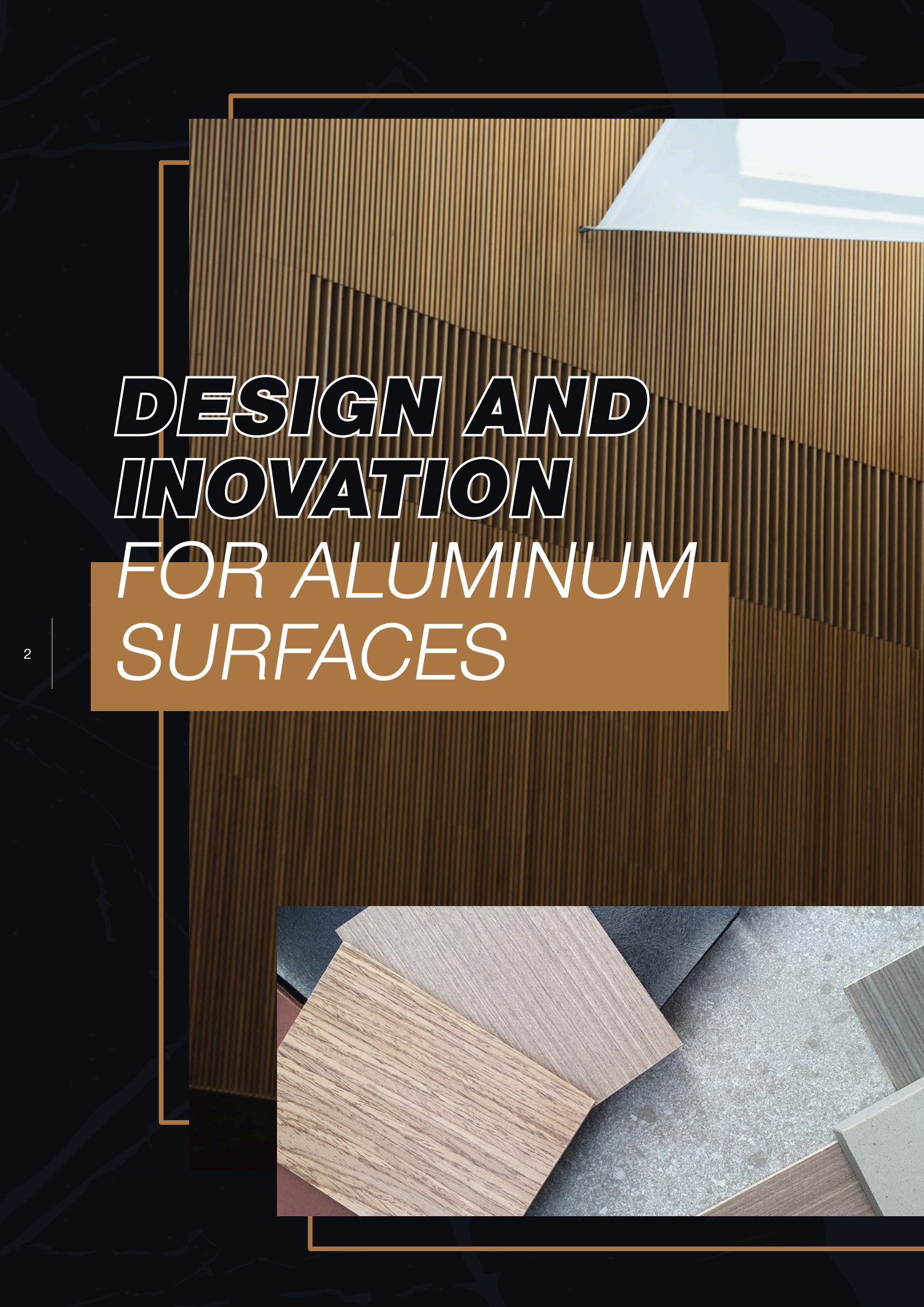
***POLITHERM***  
*ARCHITECH*

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*SOLUTIONS FOR SUBLIMATION*

COATINGS





# **DESIGN AND INOVATION FOR ALUMINUM SURFACES**



## *THE BEAUTY OF WOOD AND STONE COMBINED WITH THE RESISTANCE OF ALUMINUM*

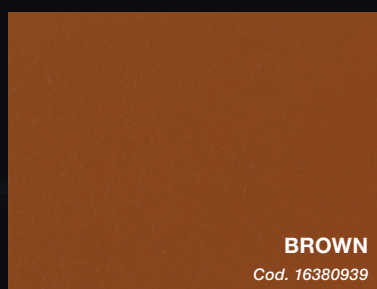
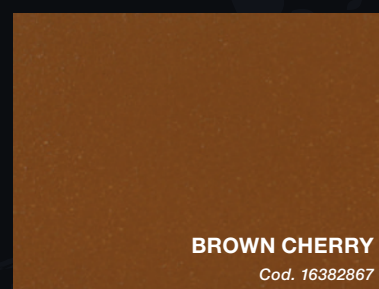
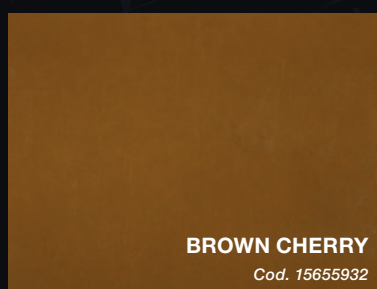
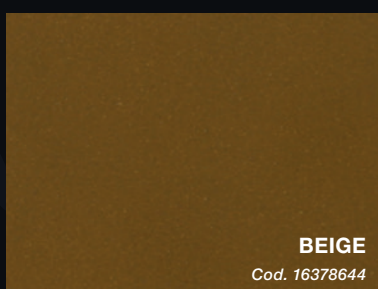
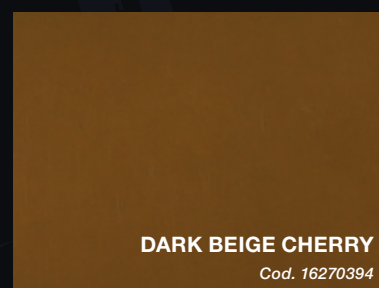
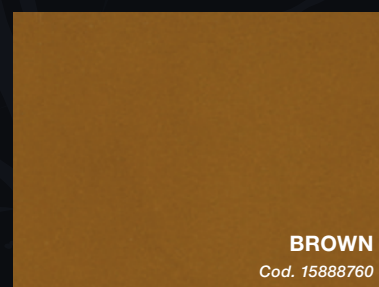
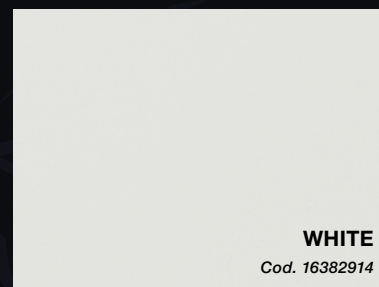
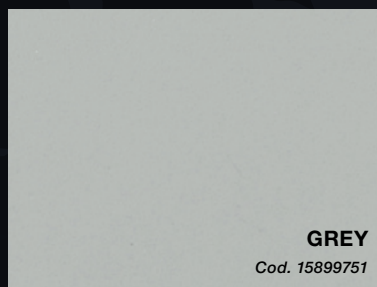
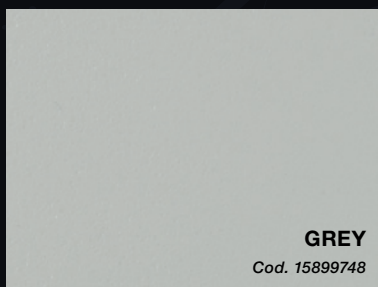
**WEG Coatings** presents to the market the **Politherm Architech - Solutions for Sublimation**, a technology that allows capturing from the nature the matrices, tones and contrasts of wood, stone, corten steel and applying them on aluminum surfaces for facades, doors, windows and much more.

## *LEARN ABOUT THE SUBLIMATION PROCESS*

Sublimation of powder coating, also known as heat transfer printing process over powder coating (5' at 200°C) - consists of the application of a flexible, non-sticky plastic film, internally pre-stamped with an image that imitates some type of effect (wood, granite, marble, corten steel, etc.), made in specific equipment, under vacuum, over a metallic profile already painted with a colored base.

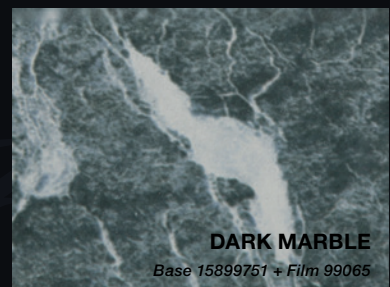
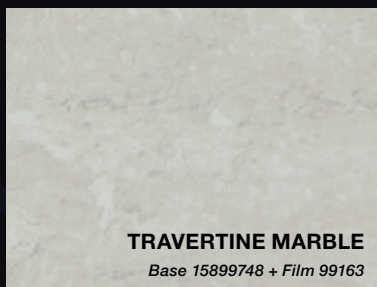
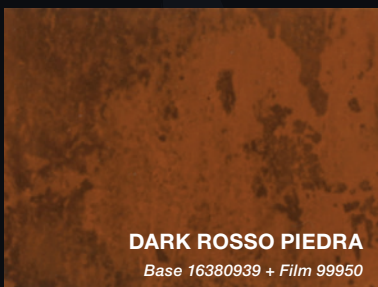
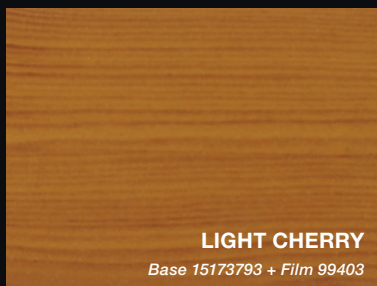
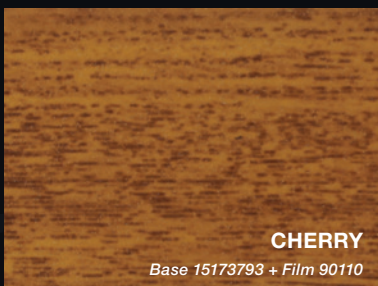
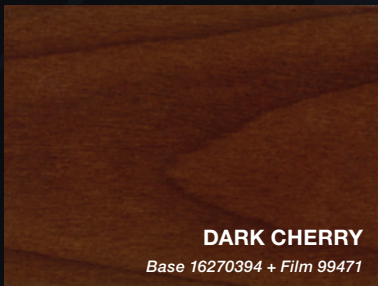
# BASES

Discover some possibilities of the  
Polytherm Architech - Solutions for Sublimation.



# EFFECTS

Over **4.000** wood, stone and corten steel effects available.



\* The sublimation films above are from the Italian company **SUBLITEX**.  
\* For other sublimation films suppliers or other product lines, the expected durability may vary.  
For any questions, consult our technical department.



*VISUAL COMFORT AND  
SOPHISTICATION WITH  
COLOR AND  
TEXTURE  
DURABILITY*

Politherm ARCHITECH 86 WFS has been used in the aluminum profile market. In the formulation of this line, special pigments, superdurable polyester resins and excellent quality raw materials are used, providing high resistance in various colors, textures and glosses.

The weather resistance of this line provides a minimum expected durability of 16 years.





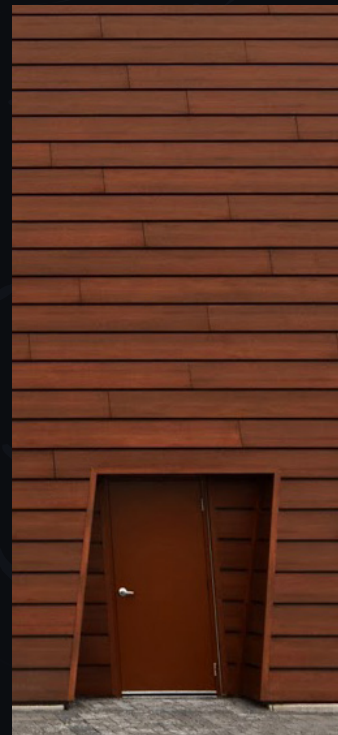
# TECHNICAL DATA

The technical data presented below refer to the minimum performance of the product to meet the referred qualifications, not necessarily representing the actual performance of the product.

7



<p><b>Resistance</b></p>	<p>POLITHERM <b>86 WFS</b></p>
<p><b>Color variation (DE)</b></p> <p><i>After 1,000 hours of accelerated weathering test, xenon arc lamp. (ISO 16474-2, method A, cycle 1)</i></p>	<p>Minimum acceptable value of 4 on the GREY scale according to ISO 105-A02</p>
<p><b>Gloss retention (%)</b></p> <p><i>After 1,000 hours of accelerated weathering test, xenon arc lamp. (ISO 16474-2, method A, cycle 1)</i></p>	<p>Min. 70% of initial gloss</p>
<p><b>Natural weathering</b></p> <p><i>Exposure to Florida (USA), 5° South (years)</i></p>	<p>Lines with excellent track record of durability in Brazil</p>



For WEG's worldwide  
operations visit our website





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COATINGS



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The values shown are subject to change without prior notice.  
The information contained is reference values.