



Product Warranty for exterior applications

1. The LX Hausys's Solid Surface, HIMACS, has been widely chosen for various interior design, projects and architectural work because of its unique properties and advantages. With increasing interest and demand from architects for new applications for exterior use, LX Hausys has run tests to evaluate the possibility of using HIMACS on the façade of a building.

2. The test focused to check possible colour change when using HIMACS in facade application. Although HIMACS has good resistance to UV rays in general, the level of colour change could differ per patterns according to the type and quantity of pigment and other ingredients contained in different patterns. HIMACS recommended colours for exterior applications are grouped into two performance categories.

Group 1: These colours change of less than or equal to 5 ΔE units in 10 years under normally predictable circumstances.

Code	Colour	Code	Colour	Code	Colour
S002	Almond	S928	Alpine White Ultra-Thermoforming	G038	Sea Oat Quartz
S009	Cream	G002	Grey Sand	G048	Beach Sand
S028	Alpine White	G004	White Quartz	S302	Opal
S728	Alpine White-FR	S029	Ivory White	S034	Diamond White
S828	Alpine White-UV+	G034	Arctic Granite		

Group 2: These colours change greater than 6 ΔE units in 10 years under normally predictable circumstances.

Code	Colour	Code	Colour	Code	Colour
S001	Satin White	S108	Marta Grey	G015	Midnight Pearl
S005	Grey	S109	Steel Grey	G050	Tapioca Pearl
S006	Arctic White	S111	Dark Night	G063	Allspice Quartz
S022	Black	S115	Deep Indigo	G074	Mocha Granite
S025	Fiery Red	S116	Festival Pink	G100	Peanut Butter
S026	Banana	S117	Midnight Grey	G101	Crystal Beige
S027	Orange	S201	Nougat Cream	G105	Brown Pearl
S100	Coffee Brown	S203	Sky Blue	G107	Pebble Pearl
S102	Babylon Beige	S212	Light Green	G108	Lunar Sand
S103	Concrete Grey	G007	Platinum Granite	S303	Sapphire
S104	Toffee Brown	G009	Black Sand	S304	Ruby
S106	Lemon squash	G010	Black Pearl	S305	Emerald

3. Gloss loss will not exceed 40% on matte finish and the colour will not leach more than the mentioned delta value, for each colour,

during the first 10 years after the initial installation. In addition, LX Hausys warrants that the HIMACS colour offering will remain free from: peeling, swelling and delaminating during the first 20 years from the date when the application was completed and when the product has been stored, handled, applied and maintained in accordance with LX Hausys technical instructions and all applicable building codes.

4. During the period stated above, if any HIMACS façade panel (with its performance fulfillment to the requested local or national European building standards) shows signs of defects (subject to all the limitations stated herein), LX Hausys will at its option either provide free replacement of HIMACS façade panels or refund the original purchase price of the HIMACS façade panels determined by LX Hausys to have any of the above conditions. In order for LX Hausys to respond under this warranty, LX Hausys must be permitted to inspect the product and thereafter to follow its warranty services procedures. All decisions regarding the existence of any of the above conditions or manufacturing defects or in any case affecting this warranty shall be made by LX Hausys and shall be final and binding upon the parties.

5. This limited warranty applies only to defects appearing within ten (10) years from the date of permanent installation or twenty (20) years in the specific case of peeling, swelling and delaminating of the HIMACS façade panels. The limited warranty is only applicable if LX Hausys is notified in writing within sixty (60) days after such defects either appear or should have been discovered after the exercise of reasonable diligence.

Failure of the claiming party to notify LX Hausys within such period shall automatically relieve LX Hausys of any and all responsibility and/or liability under this Limited Warranty. LX Hausys makes no express or implied warranty (including, without limitation, the warranties of merchantability, fitness for a particular purpose even if that purpose is known to seller or from any course of dealing or trade usage) regarding the product. The purchaser assumes all risk and liability for results obtained by the use of products covered by this limited warranty, whether used singly or in combination with other materials. The warranty herein does not cover LX Hausys TM Joint Adhesive; it covers only HIMACS sheets products.

6. This warranty does not cover, and LX Hausys hereby disclaims, all liability for damage caused by physical or chemical abuse, acts of vandalism, damage from excessive heat or uneven exposure to weather conditions, fire, flood, earthquakes, accident, war, acts of God, improper design or installation of LX Hausys products, any particular application or selection of products for any particular project or design, any parts, components, sealants of other manufacturers used with LX Hausys products, or the lack of performance of LX Hausys products attributable to such items.

7. LX Hausys's obligation hereunder is limited solely to the refund of the purchase price of the HIMACS façade panels or replacement of the HIMACS façade panels for which the claim is made excluding any costs associated with fabrication, replacement or installation. In no event shall LX Hausys be liable for special, indirect, incidental, punitive, consequential or any similar damages (including, without limitation, damages for loss of business profits, business interruption or any other loss), whether or not caused by or resulting from the negligence of LX Hausys even if LX Hausys has been advised of the possibility of such damages.

8. This is the only limited warranty made in connection with the sale of HIMACS façade panels used in exterior cladding projects. No representative, dealer or any other person is authorized to make or makes any warranty, representation or promise with respect to such products. No terms or condition other than those stated herein, and no agreement or understanding, oral or written, in any way purporting to modify this limited warranty shall be binding upon LX Hausys unless made in writing and signed by an authorized LX Hausys employee.

9. Laws, building and safety codes governing the design, engineering and construction of installations vary widely. LX Hausys assumes no responsibility or obligations with respect to the selection of product for the installation or the design, engineering and construction of the installation.

10. This warranty is subject to the condition of the supply of the above-mentioned product from a LX Hausys HIMACS authorized supplier.

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