

HIMACS – Solid Surface Material

Euroclass fire classification 2026, by LX Hausys

HIMACS is a high-performance solid surface material for architectural and interior applications, including façades, wall cladding, kitchens, bathrooms and bespoke furniture in commercial, residential and public environments.

Composed of minerals, acrylic and natural pigments, HIMACS offers a smooth, non-porous and visually seamless surface that meets demanding standards in design, fabrication, durability and hygiene.

Fire safety as a core performance standard

Fire safety is an essential consideration in the development and evaluation of HIMACS products. Material performance is reviewed in accordance with applicable European standards, providing architects, planners, fabricators and project stakeholders with clear and reliable information for specification decisions.

This supports confident material selection in projects where reaction-to-fire performance is an important requirement.

Engineered for consistency, quality and long-term use

HIMACS is produced using carefully controlled formulations designed to ensure consistent product performance across collections and applications.

This quality-focused approach supports:

- Reliable and predictable material behaviour
- Consistency across colours and finishes within relevant product ranges
- Stable long-term performance
- Dependable technical data for specification purposes
- Alignment with applicable European regulatory requirements

By maintaining high manufacturing standards, LX Hausys Europe GmbH ensures that HIMACS performance data remains relevant, reliable and practical for real-world architectural use.

A transparent and customer-focused testing approach

From 2025 onwards, LX Hausys Europe GmbH has further strengthened its approach to reaction-to-fire testing with a clear objective: to provide transparent,

consistent and technically meaningful fire classification data across the HIMACS portfolio.

Rather than assessing isolated individual products only, HIMACS classifications are based on a structured evaluation concept covering defined product ranges and representative product types.

Testing is carried out in accordance with applicable European standards to ensure:

- Reliable and repeatable results
- Clear and comparable classifications
- Consistent guidance across the product portfolio
- Support for specification and project planning
- Alignment with European reaction-to-fire requirements

This methodology reflects LX Hausys Europe GmbH's commitment to technical responsibility, product safety and long-term customer trust.

Standardized European Framework for Clear Communication

Reaction-to-fire performance of construction products in Europe is classified according to EN 13501-1 (Euroclass system).

This harmonized system evaluates three key criteria:

- **Contribution to fire**
- Classes A1 to F
- **Smoke production**
- s1 (low) to s3 (high)
- **Flaming droplets or particles**
- d0 (none) to d2 (higher level)

By applying this recognized European framework, LX Hausys Europe GmbH ensures that HIMACS fire classification data is clear, comparable and suitable for use across markets and project types.

HIMACS Fire Rating Overview

To provide accurate and dependable guidance, the reaction-to-fire performance of HIMACS has been assessed according to the European Euroclass system.

Fire classifications are determined through a structured testing methodology using representative product categories. Selected products are tested in accordance with the relevant European standards to ensure reliable and meaningful results across the respective ranges.

This approach ensures that:

- Classifications are based on consistent assessment principles
- Results are representative for relevant product categories
- Customers receive clear and trustworthy guidance
- Fire performance information can be applied with confidence in planning and specification

The Euroclass fire classifications presented for HIMACS therefore reflect a robust and responsible testing strategy, supporting secure material selection while maintaining transparency and regulatory alignment.

Important Information

HIMACS Fire Classification Reports are based on formulation groups rather than marketing collections.

Therefore, the product names shown within individual fire reports may differ from the collection names used within the HIMACS portfolio.

The attached Appendix contains the official colour-to-report mapping between:.

- HIMACS Colour
- Collection
- Fire Classification Report
- Euroclass Result
- Technical grouping

This mapping should be used as the primary reference for specification purposes.

For each HIMACS colour, the corresponding fire classification report has been identified and linked.

Where report names differ from collection names, the Appendix shall be considered the official reference document.

FIRE CLASSIFICATION OVERVIEW

COLLECTION	THICKNESS	CLASSIFICATION
Solids	12 mm	B-s1,d0
Lucent		
Granite*		
Lucia		
Aster		
Gravilla		
Marmo		
Aurora		
Calacatta		
Volcanics		
Intense Ultra		

COLLECTION	THICKNESS	CLASSIFICATION
Solids	6 mm	C-s1,d0
Lucent		
Granite*		
Intense Ultra		

COLLECTION	THICKNESS	CLASSIFICATION
Solids	9 mm	C-s1,d0
Granite*		
Intense Ultra		

COLLECTION	THICKNESS	CLASSIFICATION
Solids	20 mm	C-s1,d0

*The classification is based on the worst-case result within the tested product group (Granite, Perna, Quartz, Sand & Pearl), which is representative for the performance of the related colours within this group."

Please find Appendix with more details of all colours and the related documents.

HI.MACS

The shape of your ideas

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