



Pinnacle of performance: **PILKINGTON** raises the bar, again

Epitomizing Italian excellence in safety glass, PILKINGTON's Optilam™ merges top-tier security with aesthetic appeal. Certified to UNI standards, it meets stringent breakage and vandalism resistance benchmarks. Its expanding range, produced in Venice, features advanced compositions and vibrant PVB options while ensuring versatility across diverse applications.

Pilkington Optilam™ represents a high-end safety glass range that uniquely combines superior security features with exceptional aesthetic value - all in a single product. Meeting growing market demand, the product range continues to expand and is validated through UNI certification by an accredited third-party organization that tests laminated glass performance for basic breakage as well as resistance to vandalism and break-in attempts. The latest addition is the 19mm Pilkington Optilam™ - achieving 1(B)1 certification under UNI EN 12600 and P6B under UNI EN 356.





REGULATORY STANDARDS AND MARKET LEADERSHIP

The Italian safety glass market maintains strong performance, supported by technical regulations that set a design standard now replicated across most European countries. The UNI 7697 standard provides specific guidelines for glass selection and minimum performance requirements, based on specific applications and end-use of the final product. Pilkington Italia maintains its position as an industry leader through both its com-



SAFETY GLASS



ABOUT NSG GROUP

The NSG Group ranks among the world's leading manufacturers of glass and glass systems, operating in three main sectors: Architectural, Automotive, and Creative Technology. Following its 2006 acquisition of global glass leader Pilkington, NSG Group now maintains commercial operations in over 100 countries. The Architectural division produces glass for construction, solar applications and other sectors. The Automotive division covers Original Equipment (AOE) and Aftermarket (AGR) glass. Creative Technology encompasses various specialties, including printer and scanner lenses, specialized glass fibre products like engine timing belts, and ultra-thin glass products.

prehensive range of laminated safety glass and its UNI certification, ensuring long-term performance reliability.

VERSATILITY IN DESIGN AND PERFORMANCE

Based on specific requirements for safety, thermal and acoustic performance, solar control, and aesthetics, Pilkington Italia delivers

ideal solutions by varying not just glass thickness and layer count, but also substrate composition and surface coating to achieve desired application characteristics. The Pilkington Optilam™ laminated glass range, manufactured in Venice, includes coloured PVB versions that combine solar control properties with attractive aesthetics. Pilkington

Optilam™ I comes in grey, bronze, translucent white, blue, white, and opaque black, with custom colours available on request. The range includes body-tinted and extra-clear glass compositions: the neutral colouring, maximum transparency, and superior colour rendering of Pilkington Optilam™ OW make it perfect for internal glass partitions,

offering remarkable lightness and elegance thanks to ultra-white, low-iron-oxide sand composition. Glass processors value Pilkington Optilam™ for its ease of cutting and processing. The range's comprehensive scope, spanning substrate options, interlayer types, performance characteristics, and thicknesses from 4.4 to 39mm, establishes it as the premier choice for safety glass applications.



PILKINGTON

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