

LAURENT FERRIER
GENEVE
CREATIVELY CLASSIC

GALET SQUARE PORCELAIN LIMITED EDITION



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Hunter, cushion, barrel (*tonneau*): these are all everyday words that horology has adopted to describe the shapes of watch cases, but only the French term *Galet* (pebble) has become inextricably bound up with the Laurent Ferrier universe. Galet is the name of the first collection from the Manufacture, unveiled in 2010. Its evolution has been gentle and gradual, like the curves of minerals polished by the waves. For Laurent Ferrier, the Galet embodies the perfect integration of all case components, as if one were holding a pebble in one's hand.

For this special edition, Laurent Ferrier presents an exceptional white porcelain dial limited to ten pieces and available for the first time in the Galet collection. The process involved in producing watch dials is extremely complex and represents a true technical challenge. The discs are fashioned by hand from a kaolin-based substance. Once modelled and fired at 1400°C/2550°F, the immaculate white porcelain is coated with a layer of transparent enamel that gives it a beautiful gloss. The porcelain discs must be perfectly profiled to ensure a perfect fit inside the watch case.

This elegant porcelain dial constantly plays with the light magnifying the markers and hands. Ten anthracite Breguet type numerals and a scarlet red at 12 o'clock adorn this delicate porcelain dial. The minute outer rail is complemented by gold circular minute dots for the minutes, four diamond-shape gold markers at 3, 6, 9 and 12 and smaller diamond-shape gold patterns for the tenths.

The dial is graced with white gold ruthenium treated "assegai-shaped" hands for the hours and minutes and a baton-shaped hand for the seconds. The small seconds echoes the central theme, thereby endowing this model with a perfect balance entirely respectful of lines and the principles of readability cherished by Laurent Ferrier.

The pure aesthetic codes of the Maison have been maintained, but in this 41 x 41 mm size, the model is more powerfully present on the wrist than its predecessors. Fitted with a ball-shaped winding-crown ensuring pleasing handling, the back is equipped with a snap-on back ensuring that the movement remains easily accessible to watchmakers via the olivette.

The movement is a self-winding FBN 229.01 calibre, equipped with a unidirectional pawl-fitted micro-rotor and offering a three-day power reserve. This exclusive in-house movement is developed, assembled and adjusted in the Laurent Ferrier workshops. It is fitted with a silicon escapement featuring a double direct impulse on the balance. This technology developed by Laurent Ferrier enables the balance to be impelled twice per oscillation, a principle that requires two escape-wheels and an appropriately shaped lever. This innovative construction, combined with the use of cutting-edge materials, maximises energy efficiency, thereby guaranteeing a high amplitude of the balance. This in turn reduces the amount of mechanical force required to wind the mainspring and optimises winding.

The finishes reflect the high standards Laurent Ferrier imposes on all its creations. All are performed in keeping with the finest watchmaking traditions. Alongside the Côtes de Genève motif on the bridges and the circular graining on the mainplate, the wheel spokes are bevelled, the screw heads are chamfered and polished and the interior angles are hand-crafted. The sapphire crystal case-back provides a fascinating glimpse of this fine workmanship and reveals an attractively balanced structure stemming from a clever combination of lines and curves.

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MICRO-ROTOR, ESCAPEMENT WITH DOUBLE DIRECT IMPULSE ON THE BALANCE

OR *ECHAPPEMENT NATUREL* ACCORDING TO A.-L. BREGUET

TECHNICAL DATA

- Movement: FBN calibre 229.01, automatic winding with pawl-fitted micro-rotor
- 72-Hour power reserve
- Micro-rotor: fixed between the main plate and the micro-rotor bridge
- Silicon escapement with double direct impulse on the balance
- Silent-block shock protection system for the micro-rotor
- Indications: hours, minutes, small seconds at 6 o'clock
- Movement diameter: 14''' = 31,60 mm
- Movement thickness: 4.35 mm
- Number of components: 186
- Number of jewels: 35
- Frequency: 21,600 vph (3 Hz)
 - Case: in white gold, cushion-shaped
 - Back bezel : numbered out of 10
 - Case dimensions: 41x41 mm (diagonal: 45.35 mm)
 - Water resistance: to 30 m
 - Case thickness: 11.10 mm
- Dial: White porcelain, anthracite nickel Breguet type numerals, 12 o'clock in scarlet red, gold circular minute dots for the minutes, four diamond-shape gold markers at 3, 6, 9 and 12, and smaller diamond-shape gold patterns for the tenths.
- Hands: 18K/210Pd white gold with black ruthenium treatment, "assegai-shaped" for the hours and minutes baton-shaped for the seconds
- Straps: Hand-sewn brown alligator, full skin square scale with scarlet alcanthara lining, and a tan calf strap with scarlet alcantara lining
- Buckle: Ardillon pin buckle
- Price: \$64,000

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