

# About Holonite

## From architects to contractors, from housing associations to private individuals

Since 1969, Holonite has become the company of excellence in the field of composite stone in the Netherlands. As a manufacturer and distributor of, for example, thresholds, window ledges, window sills, and coping stones made from composite stone, Holonite has become a leader in the construction and window and door frame industry. Holonite supplies standard and bespoke façade and finishing components to European newbuild and renovation market, not only to architects and contractors, but also to housing associations and to private individuals. With its range of low-profile thresholds (aluminium, plastic and wood), Holonite is targeting the window and door frame industry.

Besides manufacturing standard construction components for standard-type building developments, Holonite is increasingly taking on an advisory role as a supplier and co-designer. We are constantly redefining our boundaries and honing our expertise by creating bespoke contemporary façade components. In doing so, we ensure that every building receives its very own identity, and this in collaboration with our target groups.

## Composite Stone

Holonite products consist of a high-quality composite mixture, which includes various fillers (quartz sand, natural stone aggregate, pigments and additives) mixed with a binding agent (resin). Due to their compact nature and structure these materials are highly resistant to dirt and algae. The characteristics of the binding agent prevent any cold bridges, whereas the additives, in turn, guarantee that the product looks completely natural. Holonite products have been awarded the Cradle to Cradle certification.

## Advice & Fitting

Holonite has the expertise and skill necessary to take care of, all the preparatory stages to ensure a professional installation, taking into account the customer's requirements. In addition, Holonite offers experience in terms of fitting. The installation must be performed by a contractor appointed by the customer. Holonite does not carry out any installation work abroad. Our user guidelines will assist third party installation.



# Sustainable Enterprise

## Socially Responsible Enterprise

Holonite is increasingly slimming down the sizes of its entire range of coping products, band course components and a number of window sill types. This innovative and eco-conscious manufacturing process has given rise to the latest generation of Holonite products, which due to the reduction in the quantity of material used, is making a major contribution to socially responsible enterprise.



## Cradle to Cradle Certified

In terms of socially responsible enterprise, Holonite as an organisation takes responsibility for the impact its business activities have on mankind and the environment. This translates into products that are manufactured responsibly. In addition, Holonite makes deliberate choices to achieve just the right balance between People, Planet and Profit. As far as Cradle to Cradle is concerned, in recent years Holonite has been conducting extensive research into its products and processes. As a result, the company was initially awarded the Basic Cradle to Cradle certificate. By continuing to focus on these developments, Holonite now holds the Bronze Cradle to Cradle certificate, and Holonite products are now also Silver-certified. The standard Holonite range of products are manufactured in the Bronze variant. Of course, Holonite can also manufacture the Silver variant upon request.



## Biobased Products

Upon request, Holonite can manufacture products that consist of 90% natural raw materials. In that case, we use a mixture of renewable raw materials that partly originate from rapeseed oil and residual products from the food industry. These renewable raw materials are environmentally-friendly and they are a great alternative to the use of fossil raw materials.

## Wall Covering Elements

From an architectural point of view, brickwork used to finish a flat roof or the edge of a balcony is very attractive but also vulnerable. After all, bricks are porous, thus causing staining to the soldier course. To solve this problem, Holonite offers various types of wall coping stones. These can either be a standard or bespoke product which is easy to use and also low-maintenance. The standard range includes the Wall-Cover, Top-Down and the sealant-free wall coping stone. The sealant-free wall coping stone solves all those problems sealant joints usually cause between coping stones as it eliminates the need for any expansion sealant during of installation. The clever gully between the sections ensures efficient water drainage.

The two sealant-free coping stones are close-fitting, thus eliminating the need to seal any expansion joint.



## Window Sills

The purpose of window sills is to prevent rainwater from running down straight onto, or penetrating into, the façade below. They are often built into the window and door frames (lintel, reveal and window sill). Window sills stop any dirt present in rainwater from running down straight onto the façade. Our window sills are fitted with a drip channel, which prevents water from penetrating into the façade below. Given that composite stone is a strong material, it enables us to manufacture our window sills in increasingly slimmer and lighter profiles. This not only saves on material, but it also offers benefits at the installation stage. Our window sills can be fitted with or without a drip channel, trims or caps. Window sills help to give a façade a clean and sleek look.



## Product properties

- smooth, sleek or textured
- not susceptible to breakage
- resistant to chemicals
- good wear resistance
- low in volume and weight
- environmentally friendly
- quick to process
- scratch-resistant
- compressive strength of 114.5 N/mm<sup>2</sup>
- flexural tensile strength of 30.2 N/mm<sup>2</sup>
- coefficient of thermal expansion of 35 x 10<sup>-6</sup>



## The Product Range

### Band Courses

Holonite offers various types of band courses which, when combined with window sills, create continuous lines across the façade. These lines are intended to break up the brickwork and to embellish the overall appearance of the façade. The weight of the band course components is taken into account at the design stage in order to ensure that they can be integrated with ease. Band courses are available in a whole range of colours and textures to fit in with any style of façade. When people choose to include a band course into their façade, they often opt for a colour that will contrast beautifully with the brickwork. The ultimate aim is to achieve a unique bespoke façade.



### (Insulated) Base Plinths

Wall base plinths provide the perfect engineering and aesthetic finish for the base of the building when installing exterior wall insulation, for example. Insulated base plinths are available in standard 1-metre lengths and in various standard heights. The 20 mm thick panels are easy to work with and any shims can simply be sawn on site to ensure a perfect fit. The plinths are close-fitting so there is no need for any sealant. Insulated base plinths are fitted with EPS or XPS insulation. Subject to consultation and providing it is technically feasible, other insulation materials can also be used.



## The Product Range

### Surroundings

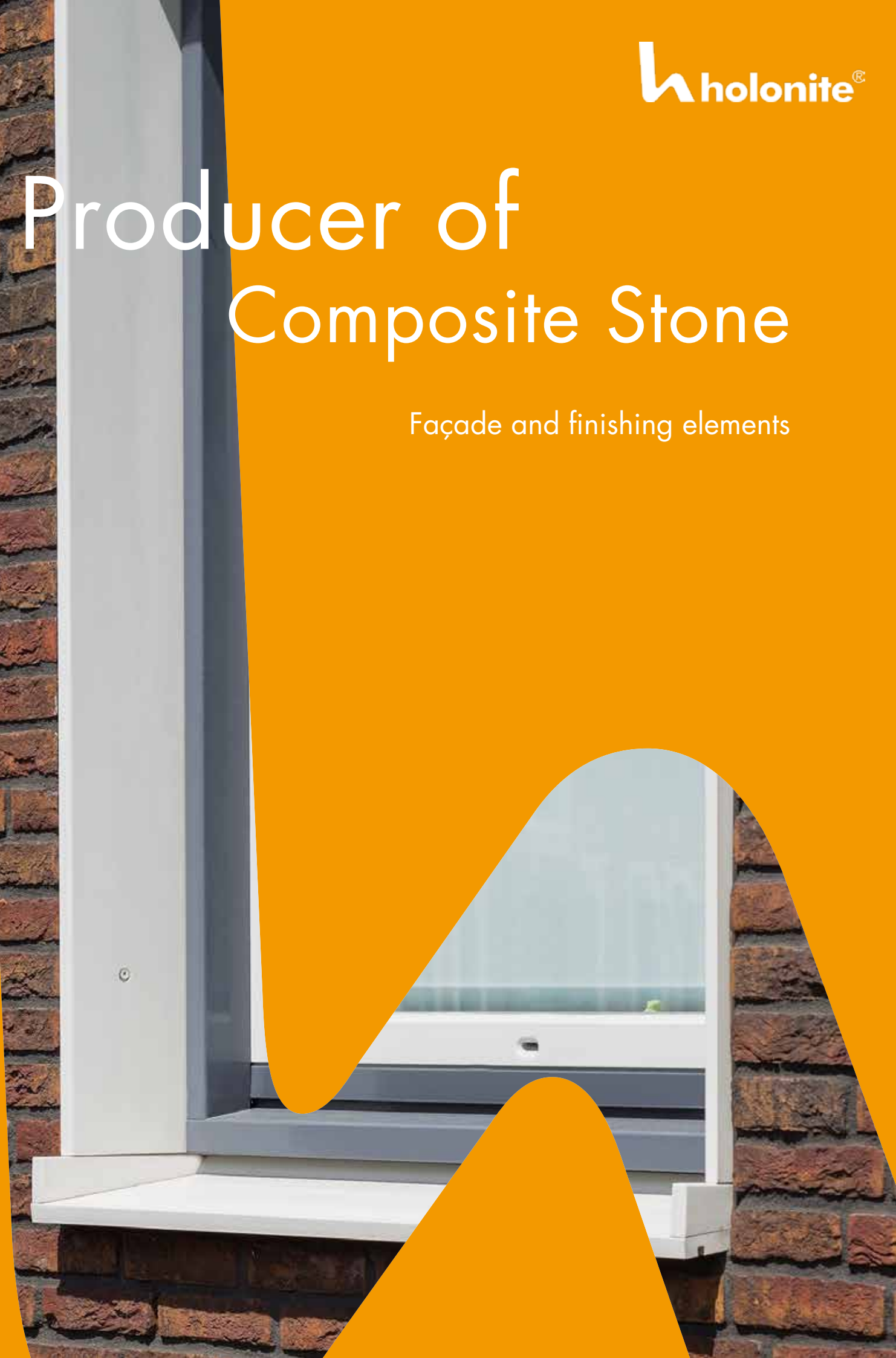
Lintel cladding, reveals and window sills all form part and parcel of the frame. The shape, dimensions and the colour of the lintel cladding are all designed to match the respective windowsills and reveals so as to create a uniform framework. The frame components should ideally be used to finish off any deep recesses in order to ensure that the insulation material can reach right up to the frame. Frame components are available in various dimensions and give your façade a striking appearance. They create a beautiful contrast between the façade and the window unit itself. The frames can be manufactured in various colours to suit any architectural style.



holonite®

# Producer of Composite Stone

Façade and finishing elements



holonite®

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