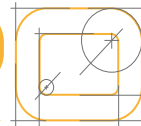


# VARIPRO



Low-profile subsill system for aluminium and PVCu frames



i n n o v a t i v e   a n d   s u s t a i n a b l e   t h r e s h o l d   s y s t e m s

# DTS® VARIPRO subsills: durable, sustainable and universal

*The DTS® VARIPRO system is compatible with all aluminium and PVCu window and door frame systems and is quick and easy to install. It is the perfect choice for meeting demanding accessibility and energy-efficiency requirements.*

## Universal

The DTS® VARIPRO system is based on universal subsill profiles. The profiles can be fitted with application-specific battens for the installation of glazing, panels or doors and windows. As the profiles are solid rather than chambered they are easy to fix with screws.

The standard range includes a great variety of shapes and sizes, and we can also produce new and customised VARIPRO profiles. These subsills are used with aluminium frames from suppliers such as Alcoa, Aliplast, Reynaers, Sapa and Schüco, and with PVCu frames from Deceuninck, Profialis, Schüco and Veka.

## Durable and sustainable material

VARIPRO subsills are made from Hollodeen®, an extremely durable material. The toughness of this solid polymer ensures that the sills simply cannot break. The material resists the effects of the weather and is abrasion-resistant, to ensure a long product life.

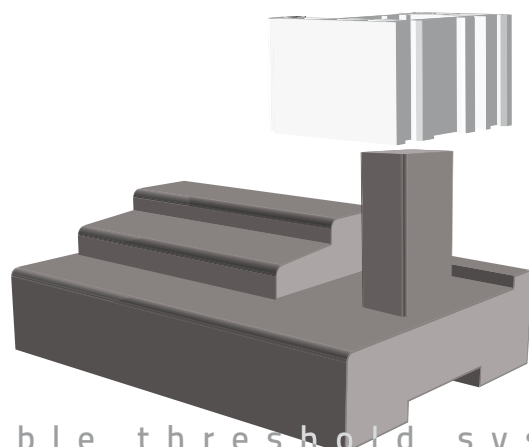
Hollodeen® is also sustainable, as the standard profiles contain approximately 90% of high-grade recycled polymers. In fact, the life of DTS® thresholds and sills is essentially unlimited as after demolition of a property, the VARIPRO system allows for the easy removal and separation of the components. These recovered components can be fully recycled and used to produce new DTS® products.

Hollodeen® has an extremely low heat conductivity which prevents cold bridges and condensation.

## Easy installation and machining

VARIPRO subsills run along the full length of the window frame. The low weight of Hollodeen® ensures that VARIPRO subsills are easy to handle during transport, machining and installation. They can normally be handled by a single operative.

All profiles are supplied in six metre lengths and can be machined in the same way as wood. The profiles can be cut to length by hand or machine and are easily drilled and fixed with screws.

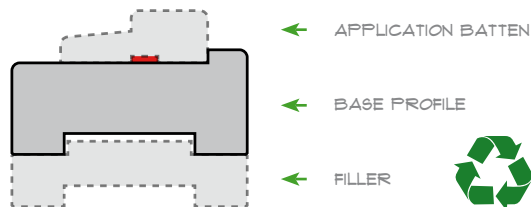


# System and profiles

*VARIPRO subsills were developed in consultation with aluminium and PVCu window fabricators. The universal profiles can be combined to form subsills and thresholds for any window or door profile.*

## Base profile

The VARIPRO base profile is the key component of the system. It is a continuous subsill which can extend across a number of window and door frames. The jamb plugs, window frames and any application-specific battens are installed on this profile. If a thicker subsill is required to position the frames then the VARIPRO filler profile can be used.



## Jamb plugs

The VARIPRO jamb plugs are used to connect the frame jambs to the continuous subsill. The plugs are driven into the jambs of the aluminium or PVCu frames to secure them to the base profile. There is no need to install the jambs onto jamb extensions, this makes installation significantly quicker and reduces costs.

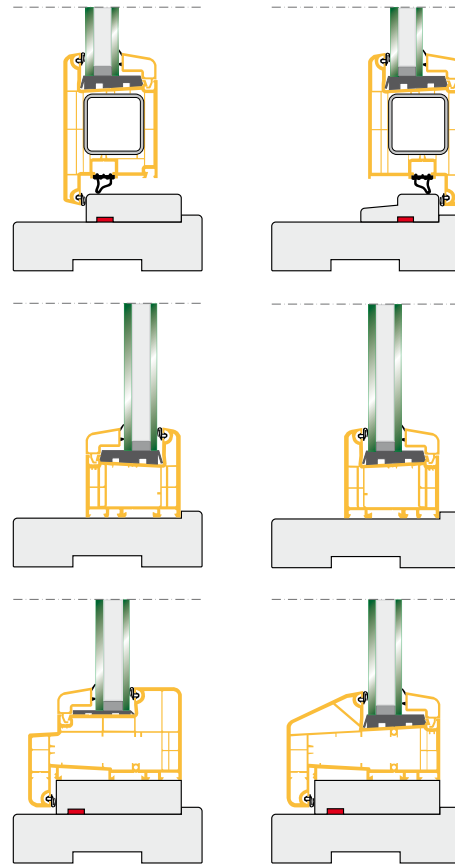
The jamb plugs are tailored to the jamb profile and are mechanically fixed in the jambs. They are then screwed to the base profile, from the bottom.

## Application-specific battens

VARIPRO battens form the door and window rebate and weather bar. The battens can be tailored to the profile used. The window fabricator can shape the ends of the profile so that it fits between the jambs. If the sill of the aluminium or PVCu window frame has a rebate, then an application batten is fixed on top of the base profile to place the window frame.

## Caulk-less sealing

To ensure good resistance against rain and water, sealing gaskets are supplied for certain connections. There is no need to use caulk.



## Colour range

Standard VARIPRO subsills are supplied in Basic Black (BB). There are also two colour lines: the Premium Colour Line (PCL) with a uniform colour, and the Premium Marbled Line (PML) with a marbled pattern. All products are coloured throughout the body.





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*Kreunen Plastic Solutions develops, manufactures and supplies durable, sustainable and innovative plastic products. These are used in the construction industry, civil engineering, window and door frame production, mechanical engineering, concrete products industry, food industry and transport. Our products are a long-life replacement for wood, steel and rubber in areas subject to ageing, decay or wear.*

## Patented

Kreunen Kunststoffen holds a number of European patents for thresholds, sills and jamb extensions manufactured from polyolefin plastics. These high-grade products are subject to constant quality monitoring.



DTS® is a registered trademark of Kreunen Kunststoffen B.V. / Kreunen Plastic Solutions

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