

FIXOTHERM FIX-PLUS: THE INNOVATIVE WINDOWSILL SYSTEM



Building damage caused by water ingress around windowsills is a serious and costly issue. It is common in both new and renovated buildings alike and is often caused by voids between windowsills and buildings. Leaks in windowsill connections can result in mold formation and considerable structural damage to the ledge and house wall.

The “FIXOTHERM with FIX-PLUS” system, made with Gurit PET FR, was developed to resolve this problem. It offers a watertight solution for bridging gaps between windowsills and the surrounding construction.

Gurit PET FR, a structural core material made from up to 100% recycled PET, was chosen by FIXOTHERM for manufacture of the FIX-PLUS windowsill system. Its durability makes it ideal for this application, as well as other proven properties including:

- Water resistance
- Outstanding stability and sealing
- Good compatibility with a wide range of adhesives
- Excellent screw retention
- Sustainable - made from up to 100% recycled PET
- Recyclable
- Insulation value (0.027 W/mK thermal conductivity)
- High compression strength



OVERVIEW

Fixotherm partnered with Gurit to create FIXOTHERM with FIX-PLUS, a watertight windowsill solution built using Gurit PET FR, a fire retardant recycled PET structural foam. The system bridges gaps between windowsills and building façades, preventing water ingress, mold, and long-term structural damage. By using Gurit PET FR, the solution delivers durable sealing performance, excellent screw retention, high compression strength, and superior thermal insulation - while incorporating up to 100% recycled PET for a sustainable, easy-to-install upgrade to building envelope integrity.

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|---|---|---|---------------------|
| 1 | Side end plate
(optionally with plaster angle) | 4 | Front plaster strip |
| 2 | Windowsill connection | 5 | FIX-PLUS (optional) |
| 3 | Base plate | | |

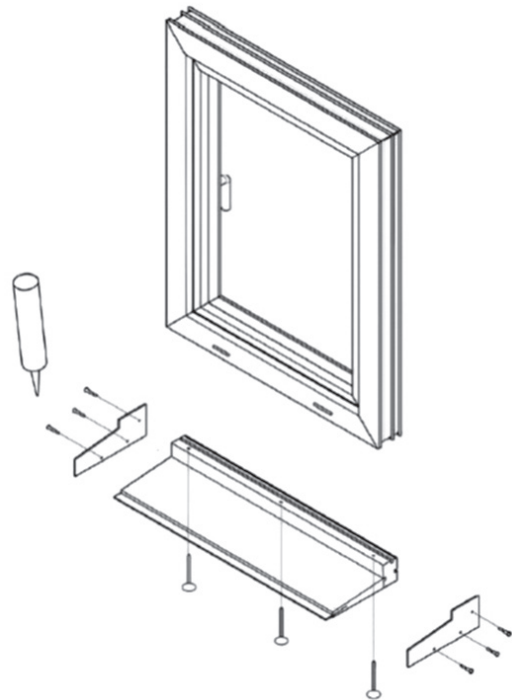
FIXOTHERM convert sheets of Gurit PET FR into windowsill chamfers and sub-profiles in their production facility in Austria and have a network of distributors across Europe. The ready-made windowsill system can quickly and easily be mounted in place by following these steps:

1. Affix the pre-made Gurit PET FR windowsill connector piece and base plate to the window frame with sealing adhesive
2. Screw the PET profiles in place to secure
3. Apply sealing adhesive to the sides of the base plate, attach the end plates and screw in place to secure

Once complete, the window ledge or covering plate can be attached. View video here:

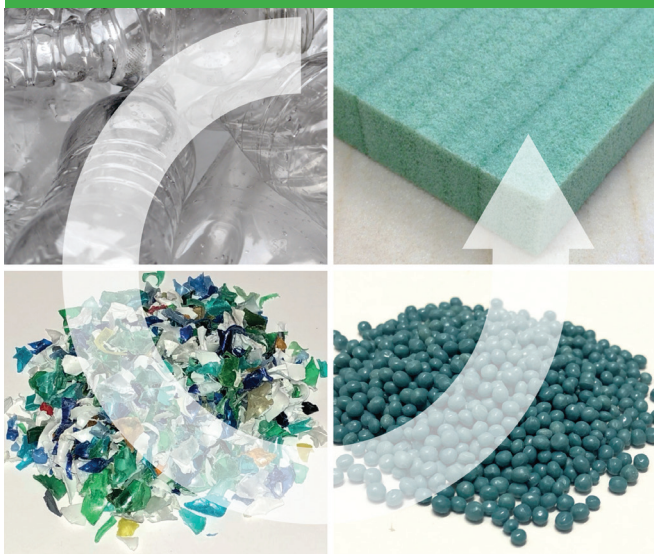
<https://www.youtube.com/watch?v=oTjJzawA2Nk>

FIXOTHERM windowsill system is an easy to mount "PLUG AND PLAY SYSTEM" and comes as a set. It provides installers with a cost-effective, simple, and reliable solution to eliminate the damage caused by leaking windowsills.



Schematic of the **FIXOTHERM FIX-PLUS** windowsill system

UP TO 700 PLASTIC
BOTTLES ARE
RECYCLED IN
EACH 25MM SHEET
OF GURIT PET



Dietmar Kargel, FIXOTHERM



Gurit PET is part of a new generation of building materials with lower environmental impact.

In addition to the high recycled content sourced from plastic bottles, it has excellent thermal insulation properties, saving our customers money in heating and cooling buildings.