

EVAC+ rCOMPACT

Efficient evacuation with sustainable engineering

Circular coextrusion: 60% rPVC (recycled PVC), 100% performance

Molecor introduces its new **EVAC+ rCOMPACT®** range: a **structured compact coextruded pipe**, eco-design for the internal drainage of buildings, manufactured in accordance with **UNE-EN 1453** and has **AENOR product certificate 001/007730** and **fire reaction certificate 001/007737**.

Its main innovation lies in the inclusion of up to **60% recycled PVC in its middle layer**, ensuring superior performance compared to compact pipes according to **UNE-EN 1329** in terms of a lower environmental footprint.

Property	EVAC+ rCOMPACT®	Compact pipe UNE-EN 1329
Fire reaction (UNE-EN 13501-1)	B-s1,d0	B-s1,d0
Postconsumer rPVC content	Up to 60%	0%
Vicat Softening Temperature	≥79°C	≥79°C
Compatible with UNE-EN 1329 Fittings	Yes	Yes
Carbon Footprint	Reduced due to its high rPVC content	-

Product range

Nominal Diameter (DN)	Joint system	Lenght (m)
32	without socket	3/5
40	without socket	3/5
50	without socket	3/5
75	Socketed	3/5
90	Socketed	3/5
110	Socketed	3/5
125	Socketed	3/5
160	Socketed	3/5
200	Socketed	3/5

The **EVAC+ rCOMPACT®** pipe meets today's sustainability demands without compromising on quality or reliability.



Fire reaction
B-s1,d0



60% recycled
material



Adaptation to the
Technical Building
Code

EVAC+ rCOMPACT® is the ideal solution for **interior drainage systems in residential, commercial, and industrial buildings**. Furthermore, it is an excellent option for rehabilitation projects where a sustainable and reliable alternative is required.

Every meter of this **EVAC+ rCOMPACT®** pipe is a commitment to the future: **sustainability and circular economy**, with the performance modern construction demands.



Packaging and jointing

Nominal Diameter (DN)	Lenght (m)	Thickness (mm)	Pipes/Pallet
32	3/5	3,0	250
40	3/5	3,0	180
50	3/5	3,0	150
75	3/5	3,0	68
90	3/5	3,0	69
110	3/5	3,2	76
125	3/5	3,2	53
160	3/5	3,2	28
200	3/5	3,9	18

The pipes are joined by a **glued joint** using PVC-U adhesive.



Innovation that makes a difference

The **EVAC+ rCOMPACT®** range has been eco-design following the principles of the circular economy thanks to the introduction of post-consumer recycled PVC which has undergone a decontamination and conditioning process by **Molecor**. This process ensures compliance with UNE-EN 1453 standard and delivers performance equivalent to virgin PVC pipes manufactured according to UNE-EN 1329.



Recycled material processing:

(1) Shredded – (2) Ground – (3) Sorted and cleaned – (4) Micronized

Thanks to its **coextruded** structure and the use of **recycled material in its middle layer**, it offers an efficient and truly sustainable drainage solution without compromising **Molecor's** high quality standards.

Innovative post-consumer rPVC treatment

- **Sustainability:** same performance with reduced environmental impact thanks to its lower carbon footprint.
- The **rPVC conditioning** process of the **EVAC+ rCOMPACT® internal layer** allows the highest content of recycled PVC.
- Post-consumer PVC waste is transformed to achieve optimal performance during the co-extrusion stage.

