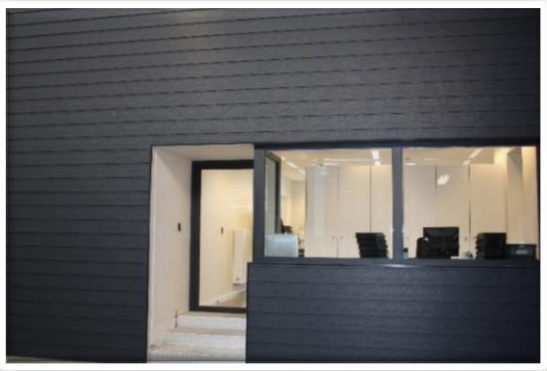
A new range of temperature-resistant expanded PVC formulations



In certain applications, such as exterior paneling on residential or industrial buildings, the elements are sometimes subjected to high stresses when exposed to strong sunlight, particularly for dark colors such as medium grey, anthracite and dark browns.
These stresses caused considerable deformations of the exposed profiles.
Such elements often consist of profiles with an expanded PVC as the base sub-layer and a colored compact PVC surface layer providing the finish and ageing resistance.
In partnership with its customers, BENVIC has developed range of appropriate expanded PVC formulations enabling better resistance to temperature deformation.
This new range, called **Benvic® PXT**, enables Vicat Point (*) values of up to more than 90°C to be obtained (see table below), and can provide genuine answers to very concrete problems and situations.

Code	Density (Free foaming)	Color	Using (Exterior = E, Interior = I)	Vicat Point (*)	Stabilisation
PXT 083/0005/AA	0,40	Uncolored	I	83°C	CaZn
PXT 087/0005/AA	0,45	Uncolored	I	87°C	CaZn
PXT 094/0005/AA	0,41	Uncolored	I	94°C	CaZn

(*) Test for Determination of the Vicat softening temperature as per ISO standard 306/B50

This range is colorable and perfectly suited for extrusion in “free” expansion or with a punch (also called the Celuka® process).

These mixtures are available in the form of premix (powder).