



Vetrostytle

# Style & features

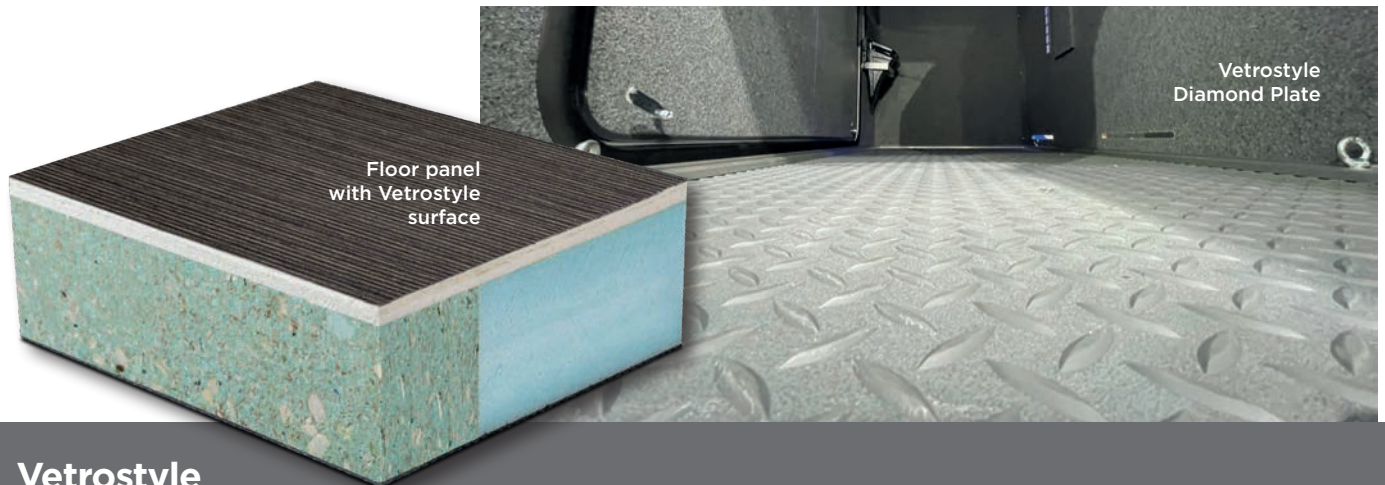
Continuous research has driven Vettoresina S.p.A. to offer alternative laminates, developing interesting solutions for vehicle exteriors and interiors

Words Renato Antonini

Vettoresina S.p.A. has recently transitioned from classic laminates to more innovative solutions, offering new ideas to RV manufacturers. Alongside the full range of more traditional products, the Italian company has increasingly focused on a range of laminates with special characteristics that become alternatives to other types of materials.

*“Our work is based on research”, explained Fabrizio Baglioni, Commercial Director of Vettoresina S.p.A. “Our lab teams are committed to finding solutions that can go beyond traditional laminates and our efforts are highly appreciated by the RV sector because they offer the possibility of exploring different construction solutions alternatively to those that*

*had been used for decades. Our lineup of innovative laminates as an alternative to wood and other materials has been intensified lately when the supply chain crisis led RV builders to seek new construction methods”.* The real breakthrough came when Vettoresina S.p.A. started producing laminates for use in vehicle interiors many years ago. Alongside fibreglass



Floor panel with Vetrostytle surface

Vetrostytle Diamond Plate

## Vetrostytle

Vetrostytle laminates are made by laminating a sheet of fibreglass with a PVC finish. They are designed to form the treadable interior floor area of vehicles. They are suitable for replacing both the traditional multilayer wood panel and the PVC surface coating in the composition of the sandwich panels that form the floor. The texture can be chosen by the manufacturer reproducing wood or

with a grey stone effect. Vetrostytle is produced in different versions with variable thicknesses and types of glass fibre used.

- PVC is applied to the laminate during production without the use of additional adhesives.
- The surface slab of the floor is seamless. It is a single piece with remarkably great mechanical strength.
- It is easily washable and impervious

to moisture.

- It reduces assembly time on the vehicle assembly line to the benefit of lowering labour costs.
- The special Diamond Plate version is designed for the load compartment floor of motorhomes. It has a visually pleasing 3D anti-slip surface, offers considerable resistance to rubbing wear and has a high resistance to engine oil.



Vetroprint

sheets for the outer cladding of the sides, roof and floor, the range now includes semi-finished products ideal for the living pod.

*"We started telling European RV manufacturers that our fibreglass could also be used for the inside of sandwich panels, starting with the floors, about 20 years ago", explained Simone Colombarini, president of Vetroresina S.p.A. "They were traditional laminates, with no special features, but that was the first step in getting our products 'inside' the living pod. We have increasingly perfected the products, providing them with special textures, surfaces*



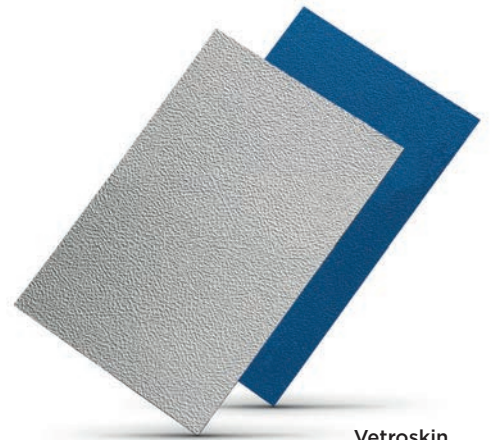
Simone Colombarini

*different from the classic ones, and pairing them with other materials".*

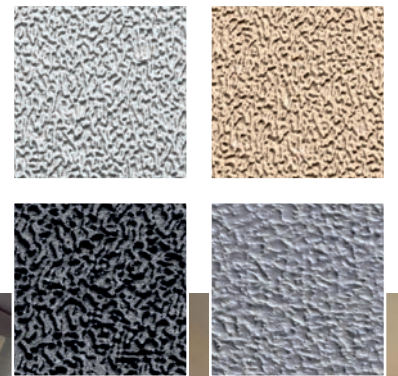
Vetroresina S.p.A. now has a wide range of laminates, with special products to complement the more traditional ones, offering specific solutions for an array of needs. Vetroresina laminates are offered to RV builders and RV repairers, workshops and restorers. Thousands of people are involved in repairing and refurbishing deteriorated, damaged and ageing vehicles in this highly diversified industry. In the US market, innovative laminates are used to clad both the interior and exterior of vehicles. As early as the late 1990s, Vetroresina S.p.A. began creating products that could replace traditional materials, such as wood, improving the performance and construction costs of RV manufacturers in the United States.

*"At the beginning of the new millennium, we patented Vetrolite and started selling it on the US market", explained Elena Colombarini, General Manager of Vetroresina LLC, the company's US subsidiary. "It was used by RV builders instead of the layer of wood placed as a stiffener under the outer fibreglass sheet. Although very thick, the Vetrolite sheets were lightened by hollow microspheres of plastic material. Vetroprint fibreglass laminate characterised by a particular texture or design is one of the innovative products we are currently offering in North America. Vetroprint can replace painted panels and it has a longer lifespan than decals. It is very advantageous to use it inside the living pod, for example in the construction of floors. Vetroprint*

*can be made with any type of finish (matte, high gloss or textured finish) and can reproduce the effect of various materials, including wood, stone, carbon fibre".*



Vetroskin



Internal wall in Vetroskin

## Vetroskin

Vetroskin laminates have a corrugated, wavy surface that conveys special material effects. They are available in different colours. With various shades and surface effects, they are perfect for making attractive interior panels. Vetroskin is produced by impregnating a mat with polyester resin in a special mould to acquire a 3D effect, with a more or less embossed surface. It is offered

in two variants: Vetroskin Delta and Vetroskin Levant.

- Vetroskin Delta is designed for the RV interior. The 3D surface can be exploited for special design solutions. It can replace melamine-faced wood in many parts of the interior. It can be used for wall and roof cladding, for the walls of the kitchen area and some parts of the toilet. It is washable and does not absorb

moisture or odours. In the catalogue it is available in various RAL colours, but other colours can be created at the customer's request.

- Vetroskin Levant is designed for RV cargo compartments. The rough, corrugated surface is non-slip and perfect for the floor of motorhome garage compartments. It is produced in thicknesses ranging from 1.3 to 2.6 mm.