

SphereCore SP



Description

Sphere.core SP is a flat material made of short polyester fibers, which is volumised through the embedding of thermoplastic microspheres. sphere.core SP is particularly suitable for the so-called "print blocking" and allows the manufacture of particularly high-quality laminate surfaces. Laminates with sphere.core SP products absorb very little moisture.

Difference

Sphere.core SP is the only material from the sphere.tex product range not produced on the basis of high-modulus fibers but on the basis of polyester fibers.

Sphere.core SP is used whenever the processor wishes to produce a light, economical and easy-to-make laminate. sphere.core SP is employed for stiffening a laminate and for "print blocking".

Applications

Sphere.core SP is exclusively worked by hand-layup. Applications are practically all classic GRP applications where shaped parts are manufactured by hand-layup or sprayup, which have to be light, cost effective and possess good flexural strength.

Processing

Sphere.core SP is processed by hand-layup similar to classic chopped strand mats or woven roving. Impregnation can be done both outside the mould and inside the mould. It must be ensured that the material is impregnated until fully saturated. UP resin is preferably used since its styrene content softens the material after impregnation and allows processing of even complex shapes without creases. However, vinyl ester, PU, acrylic, epoxy or phenolic resins can also be used.

Delivery specifications

Sphere.core SP is produced in thicknesses from 1 – 5 mm.

Standard width: 100 cm
Max. width: 270 cm

Special widths and thicknesses possible on request.

**Importers and
Distributors:**



www.fibreglass-supplies.com

**3 Civil Place, Albany
Ph: 09 4761 377**