

LAMINATE LAMINATES



LAMINATES

Vitrulan laminates are functional composites comprising multiple complete or mesh layers. They combine the typical characteristics of their various materials, e.g. nonwovens and foils, with the high tear resistance of a mesh fabric in a single product, providing an effective and functional solution for diverse special applications.

AREAS OF APPLICATION

CONSTRUCTION

| Reinforcing inserts for roofing and sealing membranes | vapor barriers | decoupling mats | reinforcement of drywall panels | acoustic panels | prefabricated elements

ROADBUILDING AND LANDSCAPING

| Asphalt renovation | geotextiles | soil reinforcement, slope stabilization | erosion protection

PRACTICAL BENEFITS

A SINGLE PRODUCT WHICH COMBINES DIFFERENT PROPERTIES

| drainage / filtration / decoupling
| full surface coverage / tear resistance
| tensile strength/ resistance to initial tearing and tear propagation

LAYERING OPTIONS

| mesh / fleece
| mesh / foil
| mesh / mesh
| mesh / fleece / foil

REINFORCEMENT OF FUNCTIONAL LAYERS

| improved process capability
| improved process reliability
| dimensional stability

COST-EFFECTIVENESS

STANDARD PRODUCTS

Items	Mesh size [mm]	Weight [g/m ²]	Thickness [mm]	Tear strength warp / weft [N/5cm]
SD.4508M2/50/55 Laminate leno weave fabric/nonwoven	10,0 x 9,0	460	1,5	4000 / 6000
SD.4036B/A120/88 Laminate leno weave fabric/nonwoven	2,5 x 2,0	170	0,75	500 / 800
SLA.5220C/50/55 Laminate plain weave fabric/nonwoven	2,0 x 3,5	127	0,78	1000 / 1000
SW.3130BB/35/55 Laminate warp-knitted fabric/nonwoven	2,5 x 2,5	110	0,5	800 / 800
SD.6510L/SL.1145B/55 Laminate leno weave fabric/plain weave fabric	7,0 x 7,0 / 1,0 x 1,5	254	0,79	3000 / 3900

The data contained herein may be reported as a typical value and/or range.

CUSTOMIZED SOLUTIONS

FINISHING OPTIONS

- | different hardness grades
- | nonflammable/ flame-retardant
- | formaldehyde-free
- | halogen-free

CUSTOMIZING

- | special color
- | printed logo
- | variable roll sizes

We provide tailor-made solutions to meet your particular requirements.

MAKING YOUR VISIONS AND OUR VISIONS A REALITY - NOW AND IN THE FUTURE

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