

INSTALLATION

VERTICAL INSTALLATION

- 1) When rebuilding on top of old plaster this plaster should be removed completely along with unstable parts of the wall; then carefully carry out pressure hydro-washing of the entire area to be plastered.
 - 2) If the support contains subsidence of up to 20 mm, level it with suitable plaster; if, however, the support is irregular (holes or cracks), rebuild the affected areas with compatible material.
 - 3) Unroll Tenax Crackstop: cut strips of the required length with secateurs. For this purpose, support guides or paper moulds (for obtaining special shapes) can be used.
 - 4) Fix the net to the support with staples, metallic cramps or alternatively with plastic wedges and eventually fix these points with quick-drying mortar. We recommend fastening with polypropylene rawplugs with a steel core; at a distance of 30-50 cm between the fixing point. The rawplugs also act as a spacing element.
 - 5) Lay adjacent strips or cut pieces of net in order to give an overlap of approximately 8-10 cm. Adjacent pieces can be fixed along the edges with plastic rings or metallic wire.
 - 6) Completely cover Tenax Crackstop plastering by hand or with a machine, without directly brushing the net with the steel brush.
- The same installation procedure used for vertical installation can be used for restoring complex geometrically irregular surfaces in restorations aimed at preservation, in rebuilding collapsed lofts and arched elements, as well as in the construction of false-ceilings.

HORIZONTAL INSTALLATION / anti-cracking function

- 1) Unroll Tenax Crackstop onto the surface. Strips of the required length can eventually be cut from the roll with secateurs. For this purpose, support guides or paper moulds (for obtaining special shapes) can be used.
- 2) Overlap adjacent strips by approximately 8-10 cm, and secure with plastic rings, metallic wire or adhesive tape, as necessary.
- 3) Proceed with raising the sides and, on larger surfaces, the centre as well.
- 4) In order to efficiently prevent cracking the net must be completely covered with plaster and ideally placed 2/3 of the way into the thickness of the cast(1). We therefore recommend that net installation is performed after a partial cast.
- 5) Apply the cement, even with the use of pumps. The use of liquid solutions will speed up this operation, and therefore liquid substances should be added. However avoid excessive use of water which would cause contraction and disproportion of the solution.
- 6) Before the final levelling of the surface, eliminate remaining air bubbles which are trapped in the cast with suitable tools.

HORIZONTAL INSTALLATION / stabilizing function

- 1) Fill any hollows with earth or inert material for obtaining a fl at surface onto which the reinforcing net can be installed.
- 2) Install a layer of geotextile Tenax TS2 as a spacing layer, overlapping adjacent strips for about 10-15 cm, if foundation requires this.
- 3) Unroll Tenax Crackstop onto the surface. Strips of the required length can be cut from the roll with secateurs and overlapped for about 10-15 cm.
- 4) Lay approximately 30 cm of mixed quarry granules and then roll; avoid material with uniform granulometry rounded granules for obtaining optimum compactness and fitting into the mesh and, therefore, for ensuring the best possible stability of the surface.