

GEOSYNTHETICS

Using TenCate Nicolon® glide nets

 **TENCATE**
Nicolon®

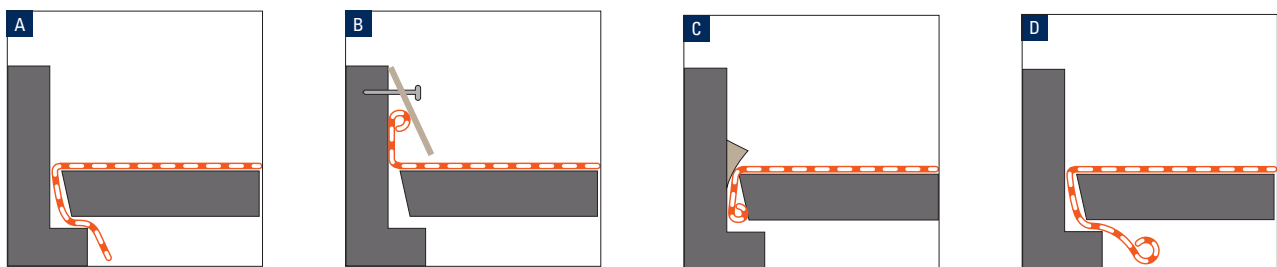
INSTRUCTIONS

 **TENCATE**

Glide nets are used to reduce the friction between the floor and the tunnel net and are often made out of woven polyethylene yarns. The friction coefficient of a tunnel net without use of a glide net is 1.0 where it can be reduced to about 0.25 using a glide net. A good glide net is strong and has limited contact points with the tunnel net. More contact points means more friction.

Depending on the construction of the tunnel, glide nets can be installed in a way that is shown in the figure below.

HOW TO INSTALL GLIDE NETS IN A TUNNEL



A: Without the use of a stitched-in rope at both ends.

B: With a stitched-in rope at both ends, using a strip to attach to the wall.

C: With a stitched-in rope at both ends, using a rubber strip to fasten it between the wall and the concrete grid.

D: With a stitched-in rope at both ends.

Make sure the glide net can not be pulled out of the construction in the length or width direction and take in account that all polyethylene nets will shrink 3-7 % due to high temperature, depending on type and quality. Check the glide nets regularly for damage and make sure no compost comes between the glide net and tunnel net.

CLEANING OF TENCATE NICOLON® NETS

Cleaning of TenCate Nicolon® mushroom nets serves many goals like increased hygiene, preventing diseases, increased lifespan, etc. It can best be done by spraying the nets with lots of water. Preferably, no detergents are used because they will influence the net in a negative way.

In the marketplace several net cleaning machines are available who in general clean the nets very good. In many cases they work with a lot of water, low spraying pressure (< 10 bar), multiple flat spraying nozzles and a rolling mechanism. TenCate Nicolon® advises this way of cleaning.

In areas where there is no net cleaning machine a high pressure cleaner can be used. In those cases please pay attention to the following instructions:

- › Keep enough distance between the nozzle and the net (at least 25 cm).
- › Clean with a maximum of 100 bar.
- › Make sure pressure and water can flow away (free hanging of the net).
- › Use a flat spraying nozzle and never a rotating or equal nozzle (no pencil jet).

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