



SILTAG[®]

PVC sheet membrane
for Tunnel and Ground structures

DESCRIPTION

SILTAG is PVC sheet membrane(Polyvinylchloride plastified base) designed for waterproofing areas such as all kinds of below ground structures against ground water particularly tunnels.

FEATURES AND BENEFITS

- Resistant to root penetration
- Resistant to permanent water temperature of max.+30°C
- Heat weldable
- Can be installed on wet substrates
- Suitable for contact with acidic soft water
- Not bitumen resistant
- Dimensional stable
- Optimized tensile strength and elongation
- Resistant to ageing
- Flexible in cold temperatures

APPEARANCE

- Rolled sheet membrane with smooth surface
- Size : 2mm(Thickness)*2meter(Width)*15meter(Length)
- Colour : Top layer(yellow)+Bottom layer(black)

STORAGE

SILTAG rolls must be stored in their original package, in horizontal position and under dry conditions. They must be protected from direct sunlight, rain etc.

APPLICATION

All membrane overlaps must be welded using welding guns or pressure roller.
It is not resistant to permanent contact with materials including bitumen and plastics other than PVC; it requires a separation layer of geotextile(>300g/m²)

CAUTIONS

SILTAG is not suitable as sheet waterproofing membrane for tunnels, when exposed to permanent water temperature exceeding +30°C and when exposed to polluted, or waste waters.

TEST DATA

Item	Test Methods	SILTAG
Visible defects	EN1850-2	PASS
Straightness	EN1848-2	≤75mm / 10m
Thickness	EN1849-2	2mm(-5/+10%)
Resistance to pressurized water	DIN 16726	10 bar over 10hrs
Durability of water tightness against ageing	EN1296	PASS
Tensile strength	DIN53455	>19N/mm ²
Water vapour transmission	EN1931	18000μ(+/-5000)
Resistance to static load	EN12730	≥20KG

Customer Service

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Technical Service

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