



# VIVO ROOF

Give live to your roof!

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# Green roofs: design between nature and sustainability



# Green roofs in urban skyline



Verde pensile - Racz Bath Hotel (Bucarest)




# The emotions of a green roof in the city



# The value of a green roof

- Mitigation of the urban microclimate, reducing the “heat islands”.
- High water retention, reducing the criticality outflow of rainwater in case of downpours.
- Reduction in levels of smog and dust, because the green absorbs CO2 and filters fine particles.
- Noise reduction, for housing well-being in the attic rooms.
- Natural thermal insulation, guaranteeing savings in cooling and heating costs.
- Increasing the average life of the waterproofing for:
  - ✓ Efficient protection against UV rays.
  - ✓ Protection against daily temperature changes, summer Winter.
  - ✓ Protection against situations of mechanical stress.
- Absorption of electro-smog.
- Creation of pleasantly usable green areas.
- Living in a home that helps nature.
- Increase in the value of the property.

# 1. Check the slope

- Low slope  $< 5\%$  ( $2,9^\circ$ )  Vivo Roof Tegola
- $5\%$  ( $2,9^\circ$ )  $<$  Average slope  $< 15\%$  ( $8,5^\circ$ )  on project
- $15\%$  ( $8,5^\circ$ )  $<$  Steep slope  $< 45\%$  ( $24,2^\circ$ )  on project

## 2. Decide the level of maintenance

- Extensive
- Semi-intensive
- intensive

# Extensive green roof



sedum



perennials



mixed



# semi-intensive green roof



# Intensive green roof



garden



robust

# 3. Decide the usage of the roof

- Maintenance access only → extensive
- Usable → semi-intensive / intensive

# 4. Choose the vegetation

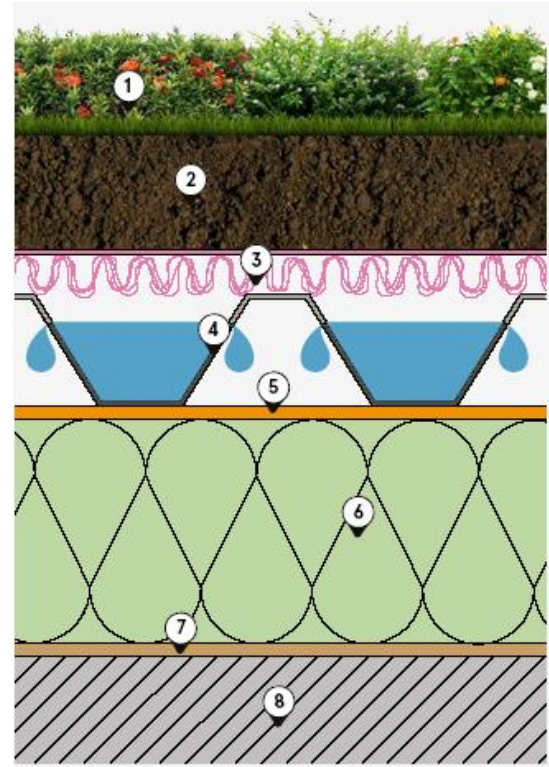


# Vivo roof is a complete system!

we offer a complete system to realize the entire green roof, for a perfect integration of all the products that compose it, to guarantee the best performance to our customers

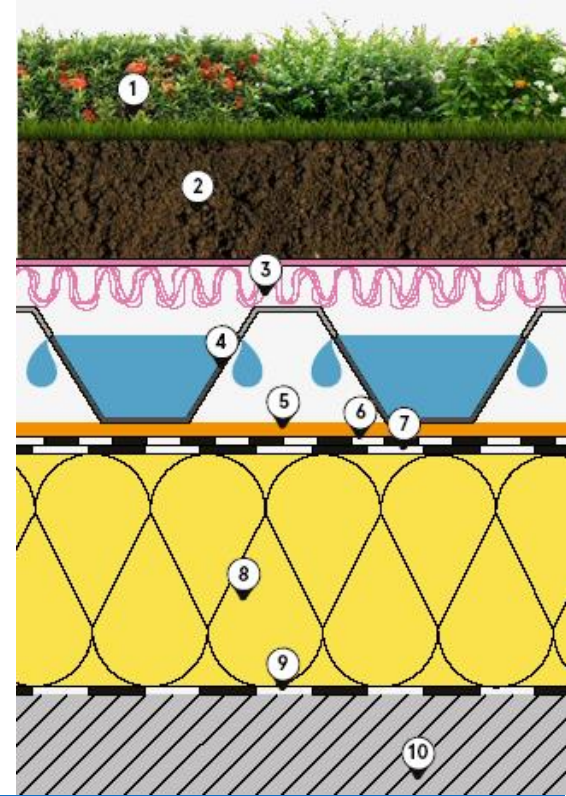
# VIVO ROOF S-TPO

1. Vegetation
2. Soil
3. TEFOND 3D TG: filtration and aeration
4. MAXISTUD F: water retention and drainage
5. TEGOTEX: separation and protection
6. STYRODUR 4000 CS: thermal insulation
7. SAFETY TPO: waterproofing and root barrier
8. Roof structure



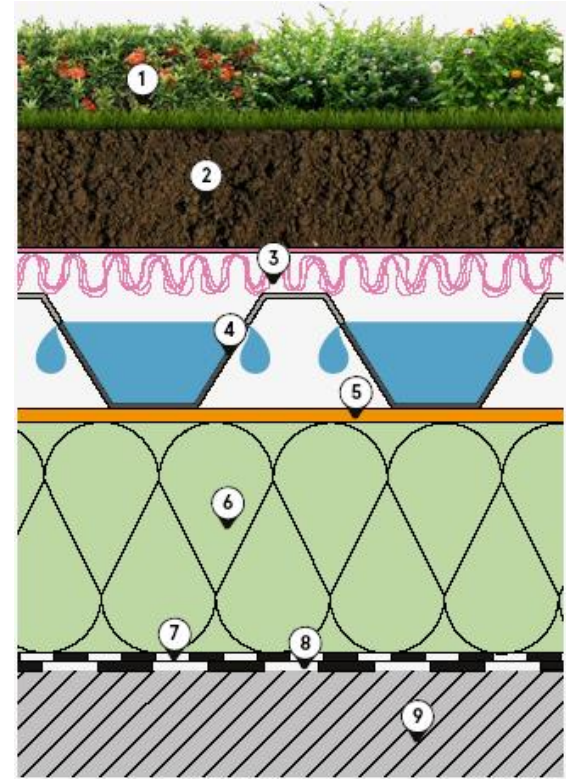
# VIVO ROOF PIR-MB

1. Vegetation
2. Soil
3. TEFOND 3D TG: filtration and aeration
4. MAXISTUD F: water retention and drainage
5. TEGOTEX: separation and protection
6. SAFETY AR FLL 4mm: waterproofing and root barrier
7. SAFETY PLAST EPP 4 mm: waterproofing
8. TEGOTHERM POLYISO SUPER: thermal insulation
9. SAFETY ALU 3 mm: vapour barrier
10. SAFETY TPO: Roof structure



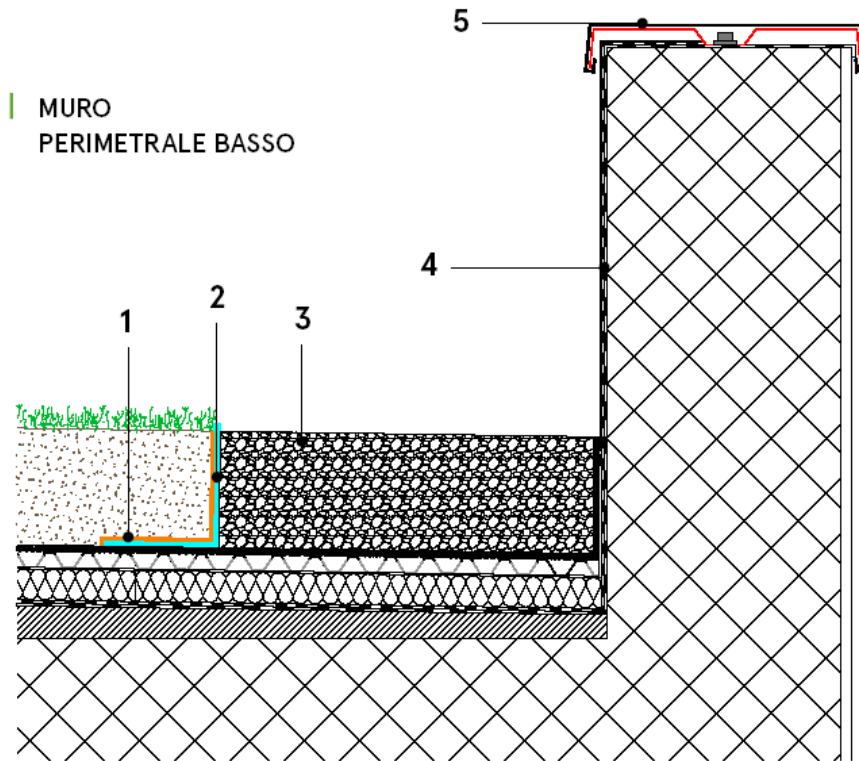
# VIVO ROOF S-MB

1. Vegetation
2. Soil
3. TEFOND 3D TG: filtration and aeration
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6. STYRODUR 4000 CS: thermal insulation
7. SAFETY AR FLL 4mm: waterproofing and root barrier
8. SAFETY PLAST EPP 4 mm: waterproofing
9. Roof structure





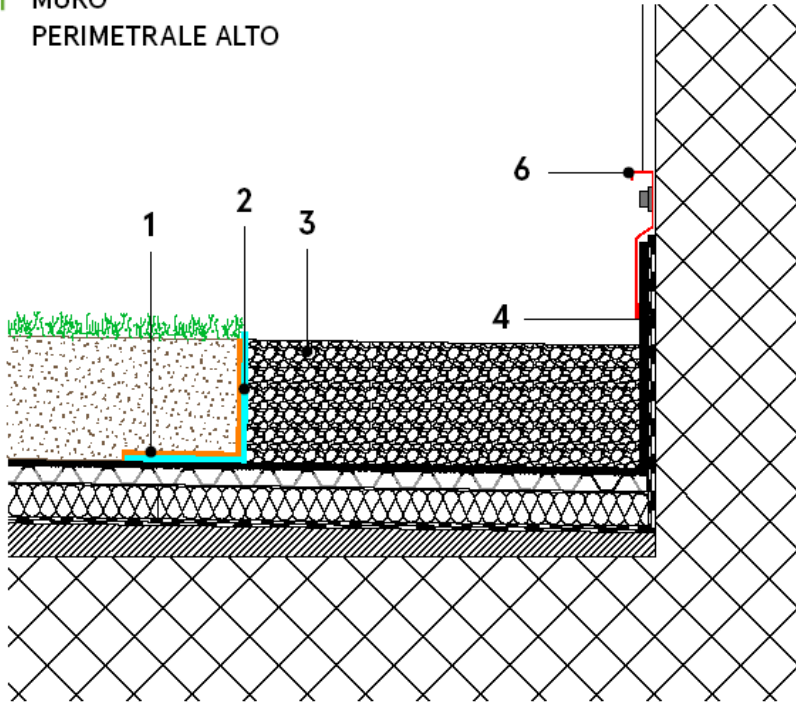
# Low perimeter wall



1. Tegotex
2. Vivo Roof profile
3. Gravel
4. Root barrier waterproofing membrane
5. Flashing
6. Vertical connection profile
7. outdoor flooring
8. Inspectable well for water collection

# high perimeter wall

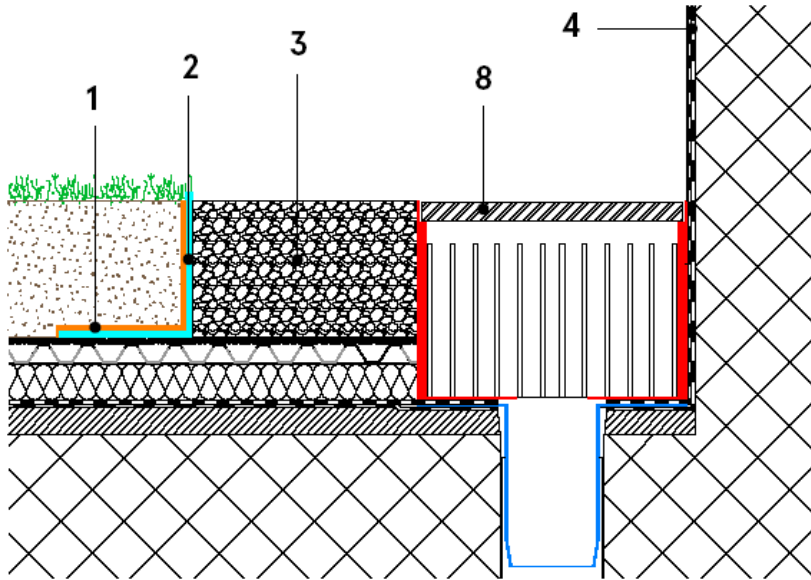
MURO  
PERIMETRALE ALTO



1. Tegotex
2. Vivo Roof profile
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4. Root barrier waterproofing membrane
5. Flashing
6. Vertical connection profile
7. outdoor flooring
8. Inspectable well for water collection

# perimeter collection well

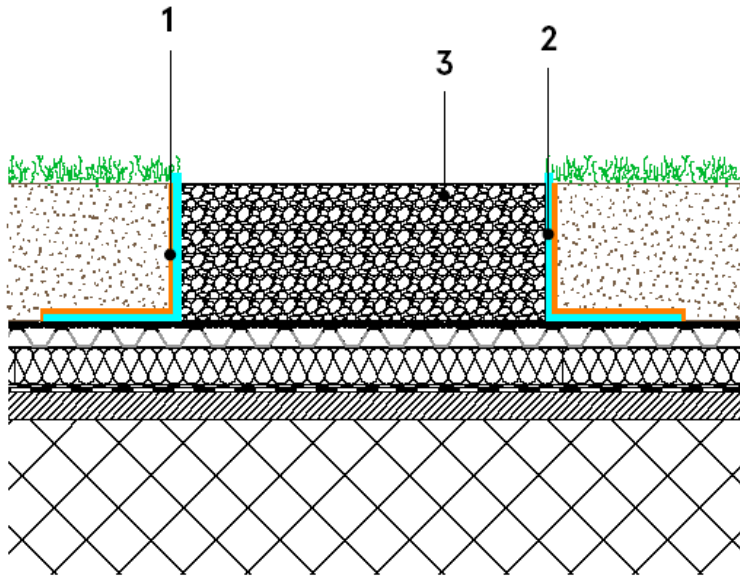
## POZZETTO DI RACCOLTA PERIMETRALE



1. Tegotex
2. Vivo Roof profile
3. Gravel
4. Root barrier waterproofing membrane
5. Flashing
6. Vertical connection profile
7. outdoor flooring
8. Inspectable well for water collection

# Gravel driveways

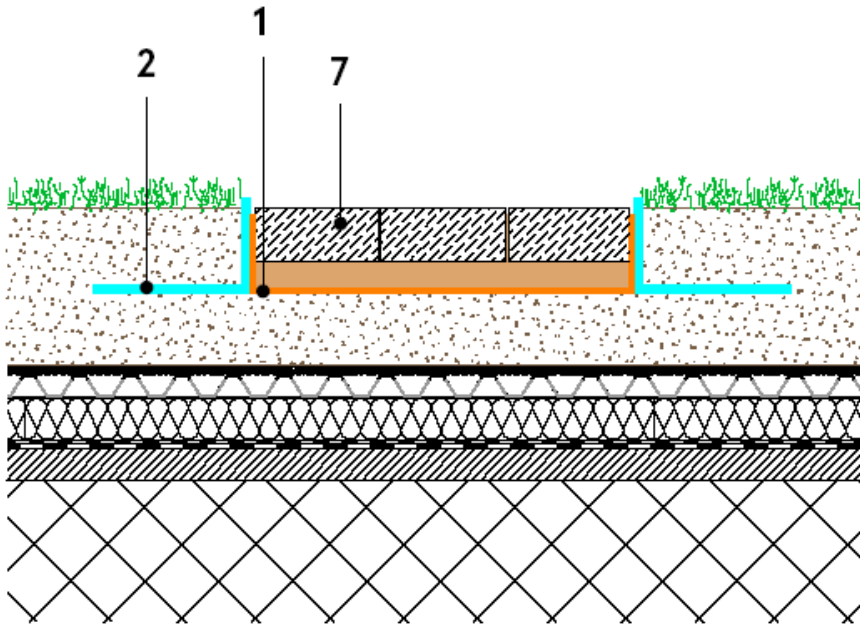
## VIALETTI IN GHIAIA



1. Tegotex
2. Vivo Roof profile
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5. Flashing
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# Driveways with self-locking

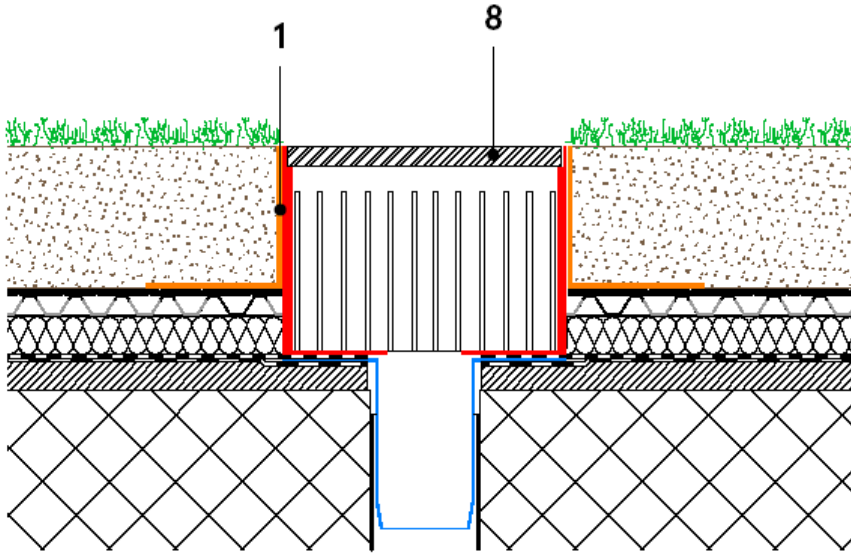
## VIALETTI CON AUTOBLOCCANTI



1. Tegotex
2. Vivo Roof profile
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# Collection well

## POZZETTO DI RACCOLTA



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*thanks*

*for your attention*

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CANADIENSE  
innovation in building