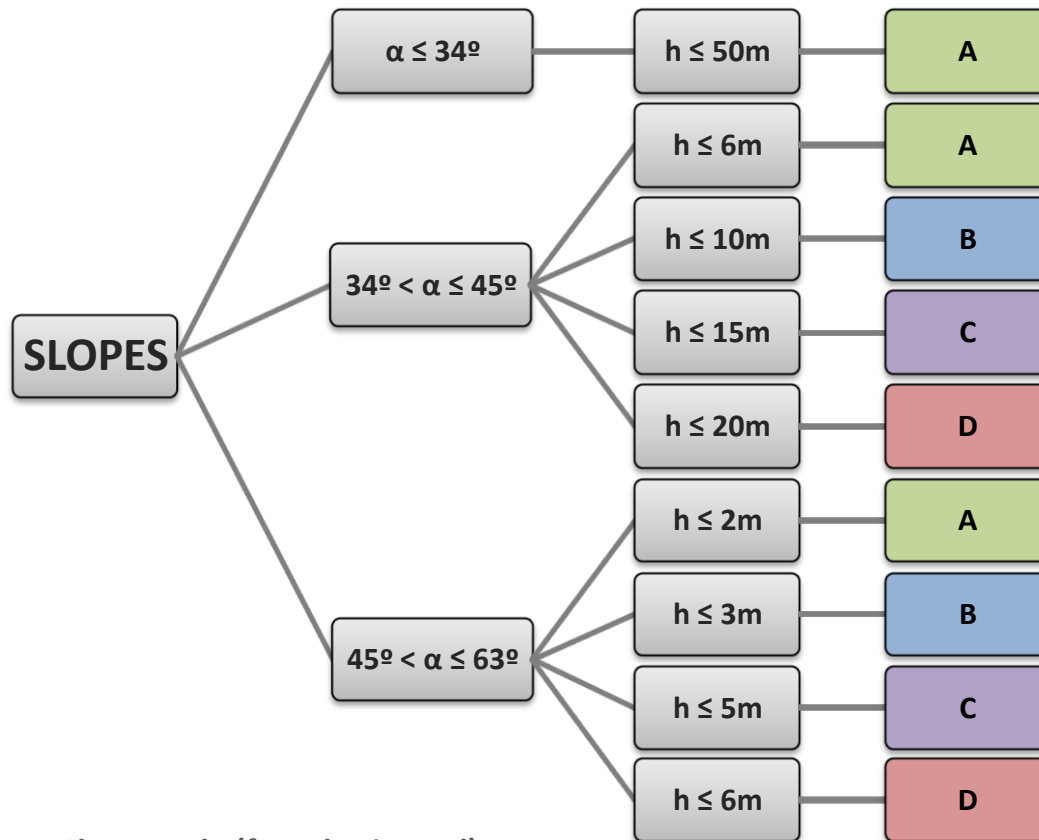


# PRS-Neoweb® Category Selection Guide

General guide for selection of category only – the PRS-Neoweb category and size for each project must be calculated and confirmed by PRS engineer or engineering consultant.



# PRS-Neoweb® Slope Protection Flow Chart



$\alpha$  = Slope angle (from horizontal)

h = Slope height

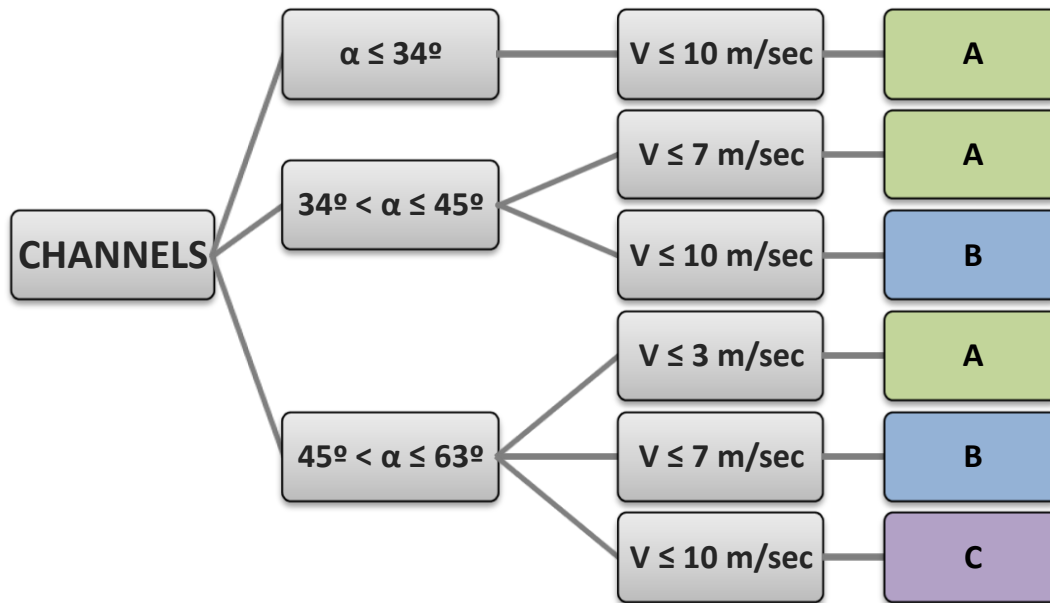
A/B/C/D = PRS-Neoweb Categories

\* General guide for selection of PRS-Neoweb category only --

## NOTES:

- Cell height and size are according to design requirements, determined mainly by slope inclination
- Topsoil infill, vegetated slopes
- Typical stake anchor: embedded depth=500mm, diameter=10mm
- Stake anchors density [units/m<sup>2</sup>]:
  - $\alpha \leq 34^\circ$ : 0.6-1.2
  - $34^\circ < \alpha \leq 45^\circ$ : 0.8-1.5
  - $45^\circ < \alpha \leq 63^\circ$ : 1.0-1.8
- Non-woven geotextile under-layer

# PRS-Neoweb® Channel Protection Flow Chart



## NOTES:

- Cell height, size and infill type are according to design requirements, mainly slope inclination and flow velocity
- Typical stake anchor: embedded depth=500mm, diameter=10mm
- Stake anchors density [units/m<sup>2</sup>]:
  - $\alpha \leq 34^\circ$ : 0.6-1.2
  - $34^\circ < \alpha \leq 45^\circ$ : 0.8-1.5
  - $45^\circ < \alpha \leq 63^\circ$ : 1.0-1.8
- Non-woven geotextile under-layer

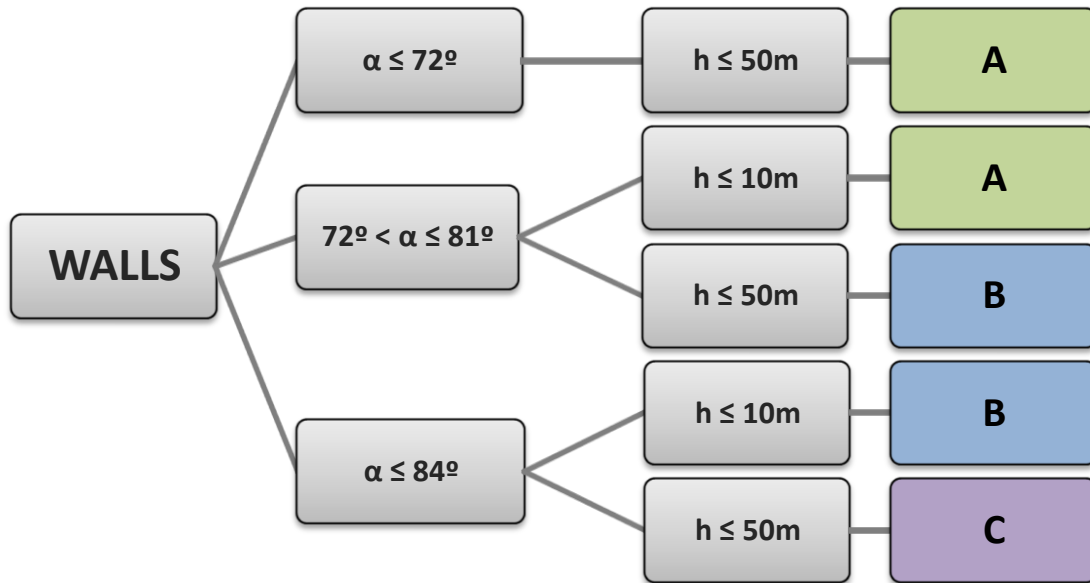
$\alpha$  = Slope angle (from horizontal)

V = Flow Velocity

A/B/C/D = PRS-Neoweb Categories

\* General guide for selection of PRS-Neoweb category only --

# PRS-Neoweb® Earth Retention Flow Chart



## NOTES:

- Cell size: PRS-445  
(Weld Distance = 445 mm)
- Granular infill

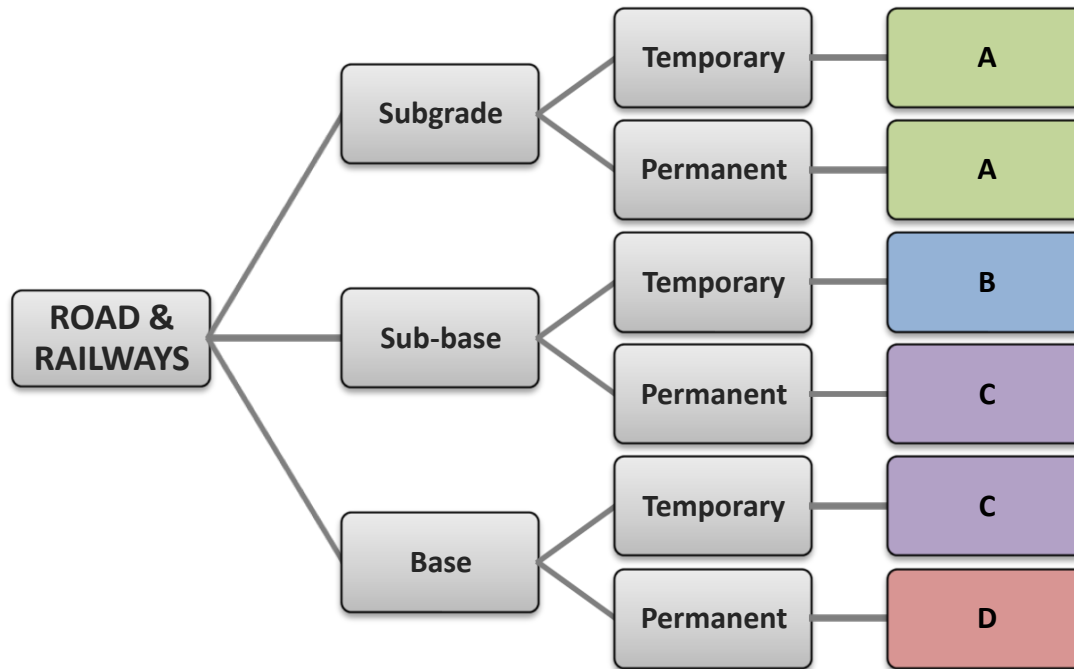
$\alpha$  = Wall angle (from horizontal)

h = Wall height

A/B/C/D = PRS-Neoweb Categories

\* General guide for selection of PRS-Neoweb category only --

# PRS-Neoweb<sup>®</sup> Road & Railways Flow Chart



## NOTES:

- Cell size: PRS-330  
(Weld Distance = 330 mm)
- Granular infill min:  
80 MPa modulus for subgrade  
& sub-base reinforcement
- Granular infill min: 100 MPa  
modulus for base  
reinforcement
- Result of vertical stresses due  
to dual-wheel configuration of  
 $W_{18}$  axle

Temporary (unpaved)  $\leq$  3 years; Temporary (paved)  $\leq$  5 years

A/B/C/D = PRS-Neoweb Categories

\* General guide for selection of PRS-Neoweb category only --