

# TAS Approval

## Anchor® Segmental Retaining Wall

### ROADS SERVICE PROJECTS

#### Products system requirements:

Certification required		TAS	TAS	TAS	TAS	TAS	Gro technical	Gro technical		
Retained height (m)	Retaining road	Timber crib	Anchor® Diamond®	Anchor® Vertica®	Anchor® Landmark®	Gabions	Green Terramesh	Gabion Terramesh	TAS / GEO technical required	Category
<1.0	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
1.0 - 1.5	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	0
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
1.5 - 2.0	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	0
	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	
2.0 - 5.0	No	No	No	Yes	Yes	No	Yes	Yes	Yes	1
	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	
>5.0	No	No	No	Yes	Yes	No	Yes	Yes	Yes	2 or 3
	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	

**This is an interpretation and should not be considered roads policy.**

**Roads policy varies with time and from region to region please check each scheme for actual requirement.**

Anything within 6m of road boundary needs approval (i.e. within 6m of what roads service own). Roads service often own a 2m wide grass verge past the edge of the road or more.

You may well need TAS if it is within 8m or more of actual road surface edge.

If face of structure is steeper than 70 degrees you need TAS.

If face is less than 70 degrees i.e. green terramesh you need geotechnical certification.

Gabion terramesh is geotechnical certification if it is less than 70 degrees (i.e. 300 steps and 6 degree batter).

Mass gabions always need tas even with large face steps as they are an exception to the above guideline.

Mass gabions always require consideration of vandalism (general not allowed in southern division).

Never recommend somebody starts building without tas.

Retained height is face of system (not including crest/toe slope).

If retaining road generally need vehicle barrier (N2) at top and also pedestrian restraint.

If not retaining road generally need only pedestrian restraint at top.