

Envirofelt CO

Technical Data & Installation Guidelines



TenCate Polyfelt Envirofelt CO

TenCate Polyfelt Envirofelt CO is made from 100% natural, biodegradable coconut fibres (coir). The biodegradation process of the coir adds organic nutrients to the soil, thus acting as fertilizer. Envirofelt CO has the necessary strength to hold soil in place, thereby preventing surface erosion.

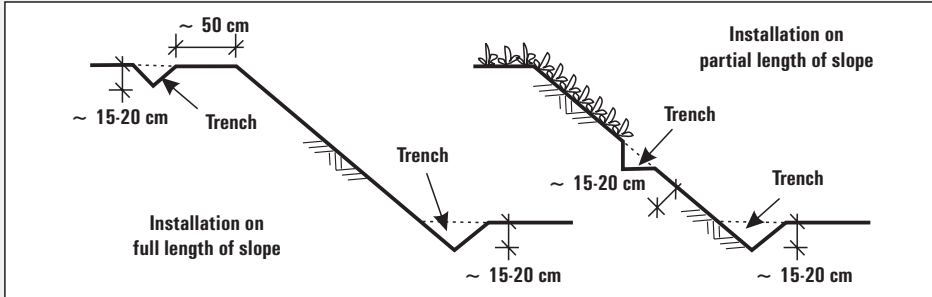
Technical Data

Properties <small>[Standard]</small>	Unit	CO 400	CO 700	
Type of product	-	Woven		
Raw material	-	100% natural coir (coconut fibres)		
Identification Properties				
Thickness <small>[EN ISO 9863-1]</small>	mm	7	7	
Mass per unit area <small>[EN ISO 9864]</small>	g/m ²	400	700	
Proportion of open area	%	70	50	
Mechanical Properties				
Tensile strength	MD	kN/m	6.4	20.0
	CD	kN/m	2.0	9.3
Elongation	MD	%	26	34
	CD	%	32	38
Water absorption capacity <small>[DIN 53923]</small>	%	147	116	
Forms of Supply				
Width	m	2.0	2.0	
Length	m	25	50	
Area	m ²	50	100	
Roll weight	kg	20	70	

Other forms of supply are available on request.

The values given are indicative and correspond to average results obtained in our laboratories and in testing institutes. The right is reserved to make changes without notice.

TenCate Polyfelt Envirofelt CO - Installation Guidelines



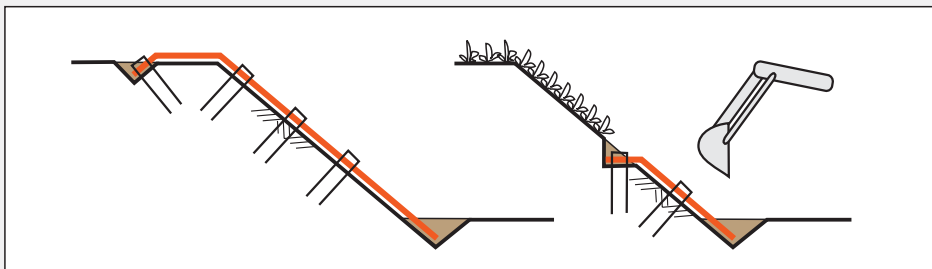
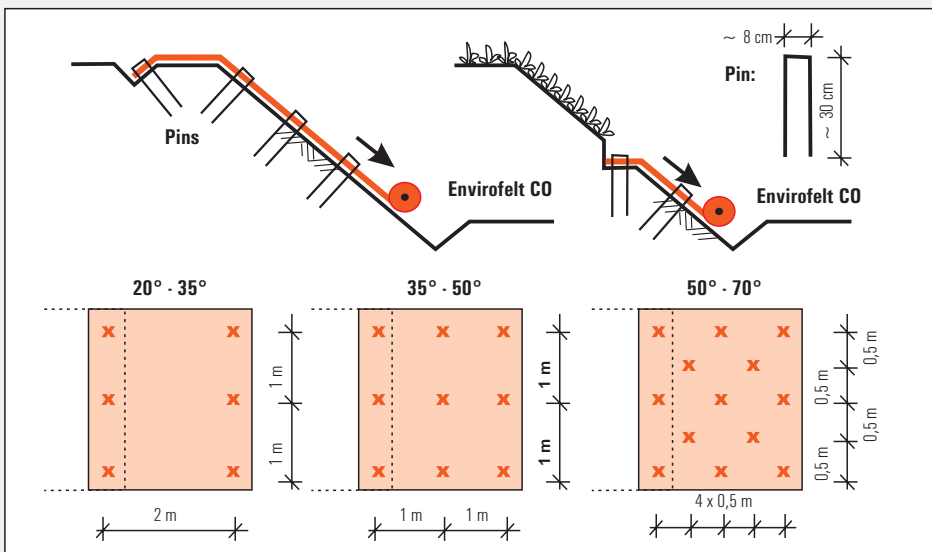
1. The subgrade shall be prepared in accordance with the designer's specification. It shall be smoothly compacted and free from stones, roots or other obstacles.

2. Apply seeds by hand, by hydro-seeding or by other suitable method.

3. Place the erosion-protection mat in the trench and unroll down the slope.

4. Fix the erosion-protection mat according to the sketch, depending on the slope angle. Overlap adjacent panels shall be approx. 5 cm. Pins shall be made from 8 mm steel rods, U-shaped and 30 cm long.

5. Backfill the anchor trench by hand or by excavator, and compact.



The information given in this brochure is to the best of our knowledge true and correct, however new research results and practical experience can make revisions necessary. No guarantee or liability can be drawn from the information mentioned herein. Furthermore, it is not our intention to violate any patents or licences.

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