



**TERRA FSP**  
HYDROSEEDING MULCH





**Terra FSP** is a high performance mulch for hydraulic seeding applications. It is produced from recycled wood fibre (sourced from newspapers), which has been proven to have excellent water-holding capabilities plus enhanced seed protection, and straw, giving it excellent anti-erosion stability.

Terra FSP hydroseeding mulch produced in this way is non-toxic and 100% biodegradable, without the need for catalytic additives and, as it decomposes, returns precious nutrients to the soil.

Terra FSP can be used to provide a cover of vegetation quickly and reliably, to control erosion and protect the soil. It will stabilise soil and promote rapid growth, whether used for landscaping or land reclamation.





**Terra FSP** hydroseeding mulch is easily applied onto roadside verges, slopes and embankments wherever seeding is required and disperses evenly due to the characteristics of the natural fibre. The mulch anchors itself to the soil surface with very little or no preparation, even on the steepest slopes.

One bag of mulch, mixed with seed, ensures easy one-step application.

Terra FSP fulfils the dual role of protecting the seed before and during germination and acting as a carrier for water that provides the seed with essential nourishment. The fibres in Tera FSP knit together around the seed, enveloping it completely in a protective mesh.

Once sprayed, the seed is protected against wind, rain and extreme temperature fluctuations and is provided with continual hydration to ensure successful germination.



# TERRA FSP





- ▶ **Environmentally friendly**

Made from recycled newsprint paper fibre and straw Terra FSP contains only non-toxin and biodegradable ingredients.

- ▶ **Non-toxic to animals and plant life**



- ▶ **Easy to apply**

Anchors to the steepest slopes with one easy application.

- ▶ **No cure time required to perform**

Keeps the seeds moist and in place. Watch results happen quickly!





► **High visibility**

Its green colour makes it a "natural" for seedign applications.

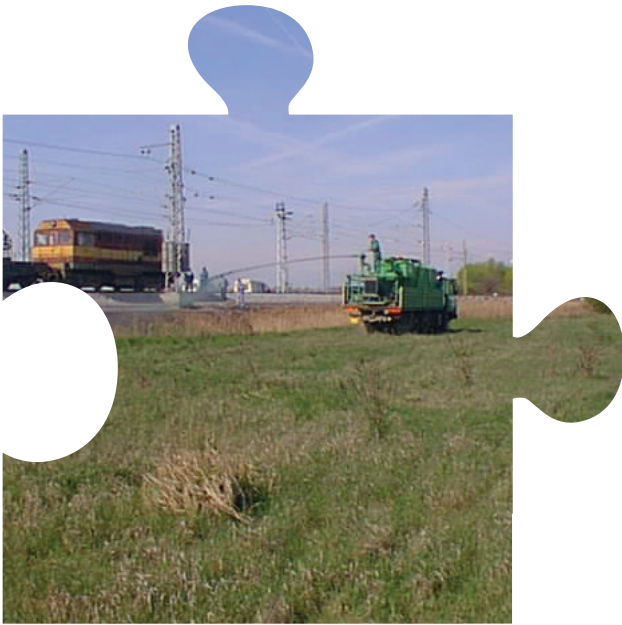


► **Applications**

The list is long... commercial developments, parks and playgrounds, golf courses, sports fields, roads and motorways, flat domestic lawns and residential lawns, landscape design, schools and institutions, sloped terrains...



**Terra FSP** delivers a nearly perfect balance between three fundamental pillars of performance - erosion control effectiveness, growth establishment and functional longevity - to create the highest performing hydraulically applied medium on the market today.



Terra FSP has demonstrated nearly perfect erosion control performance - even on slopes. It immediately bonds to the soil surface, and has proven to be greater than 99% effective upon curing. Its flexible, yet stable matrix features greater wet bond strength, yielding increased sheet flow resistance. In addition to minimizing soil loss, the turbidity of runoff is greatly reduced.

The loft of the Terra FSP matrix creates air space, which not only captures more moisture to improve seedling emergence, it also improves the oxygen exchange necessary for robust plant development. Additional water and nutrient retention properties result in superior vegetation establishment.

Functional longevity is determined by a material's physical composition as well as site-specific conditions such as temperature, moisture, sunlight, soil composition, biological activity and other environmental factors. Terra FSP is designed to provide protection on bare soil over periods of dormancy, such as winter or extended dry periods, when seed germination is not possible; yet soil erosion and seed washout can occur from snow melt and runoff.

# TERRA FSP

A coarse structure fibre with approx. 10 % moisture (max 15 %) produced in green color and can be supplied with or without straw.

Moisture content (% by total weight)	12 % +/- 3 %
pH (average)	6 - 8
Organic content in dry mass (min)	80 %
Water absorption (min)	900 %

## Suggested application for 1 ha:

Slope up to 2:1	1,700 kg Terra FSP + 40,000 litres of water
Slope greater than 2:1 45,000 litres of water	2,200 kg Terra FSP + 45,000 litres of water
Water-holding capacity	1,200 %
Material color	green
Biodegradability	100 %
Ecotoxicity	96-hr LC50 > 100 %

## Product composition:

Mechanically processed cellulose fibres	59.5 %
Straw fibres	40 %
Color pigment	0.5 %

## OTHER FIBRES FOR HYDROSEEDING MULCH

	HS 3000	HS 5	HS 8000
<b>Product structure</b>	fine	medium coarse	very coarse
<b>Material color</b>	grey / green	grey / green	grey / green
<b>Source material</b>	pure recycled paper	pure recycled paper	pure mixture of recycled news and cardboard paper





Producer:



Pražská 1012  
250 01 Brandýs nad Labem  
tel.: +420 326 901 411  
fax: +420 326 901 456  
e-mail: info@ciur.cz

[www.ciur.cz](http://www.ciur.cz)

Supplier:



Aberdare Enterprise Centre, Aberaman  
ABERDARE, CF44 6DA  
tel.: +44 1685 878 649  
fax: +44 1685 875 403  
e-mail: info@ciur.co.uk

[www.ciur.co.uk](http://www.ciur.co.uk)