

CN Green Line Planting substrate

1 - 5 mm cracked and 4 - 8 mm cracked

Production method:	Clay fired and expanded in a rotary kiln at approx. 1,200 °C, without chemical additives
Monitoring:	Our planting substrate is subject to constant, independent monitoring
Structure:	Kidney-shaped and round granules, broken material
Colour:	Reddish brown
Properties:	Inert ceramic, biologically and chemically neutral, odourless, structurally stable, resistant to decay, Rotting, decomposition and humic acid, excellent balance of air and water in the entire root area

Areas of application:	1 - 5 mm cracked	4 - 8 mm cracked
	<ul style="list-style-type: none"> - cultivation - cuttings 	<ul style="list-style-type: none"> - Single-layer roof greening - mineral support framework for extensive and intensive roof substrates - Balcony box substrate - Tub plants - Water storing drainage layers - Soil structure improvement for tree planting - Filter body for plant wastewater treatment plants - Filter body for seepage

Physical properties		
Grain sizes:	1 - 5 mm cracked	4 - 8 mm cracked
Bulk weight (dry):	approx. 360 kg/m ³	approx. 320 kg/m ³
Bulk weight (waterlogged):	approx. 550 kg/m ³	approx. 490 kg/m ³
Granule shape:	Fractured	
Surface:	Open-pored	
Over/undersize:	< 15 mass %	
Percentage of breakage:	approx. 95 %	

Chemical properties / constituents		
	Target	Actual
pH value	max. 9.5	9.00
Salt content (g/litre)	max. 3.5	0.48
Carbonate (g/litre)	max. 25.0	0.20

Biological properties	
Growth-inhibiting substances:	free of growth-inhibiting substances

Delivery forms			
		1 - 5 mm cracked	4 - 8 mm cracked
Loose	silo/dumper truck	●	●
1.5 cbm BigBag	1 BigBag/pal.	●	●
50 litre sack	36 sack/pal.	●	●

Expanded clay is a natural product; this means that the actual values may deviate slightly from those given here in some cases

Last updated: August 2021