

# Lapinus Fibres Products in Friction

## Rockbrake<sup>®</sup> product range<sup>1</sup>

Grade	Length	Max. shot > 125 micron	Surface treatment	Typical property	Packaging
Rockbrake <sup>®</sup> RB210-Roxul <sup>®</sup> 1000	150 ± 25 µm	0.20%	amino-silane / rubber	very low shot, improved bonding, easy processing, improved NVH in NAO non steel disc pads	20 kg/bag 500 kg/pallet
Rockbrake <sup>®</sup> RB215ELS-Roxul <sup>®</sup> 1000	150 ± 25 µm	0.10%	amino-silane	extreme low shot, low friction material and rotor wear, improved bonding	20 kg/bag 500 kg/pallet
Rockbrake <sup>®</sup> RB220ELS-Roxul <sup>®</sup> 1000	230 ± 50 µm	0.10%	amino-silane	extreme low shot, low friction material and rotor wear, improved bonding	16 kg/bag 400 kg/pallet
Rockbrake <sup>®</sup> RB215-Roxul <sup>®</sup> 1000	150 ± 25 µm	0.20%	amino-silane	very low shot, easy dispersion, low wear, improved bonding	20 kg/bag 500 kg/pallet
Rockbrake <sup>®</sup> RB220-Roxul <sup>®</sup> 1000	230 ± 50 µm	0.20%	amino-silane	very low shot, low wear, improved bonding	16 kg/bag 400 kg/pallet
Rockbrake <sup>®</sup> RB225-Roxul <sup>®</sup> 1000	300 ± 50 µm	1.0%	sulphur-silane	low shot, improved bonding in sulphur cured rubber based formulations	16 kg/bag 400 kg/pallet
Rockbrake <sup>®</sup> RB250-Roxul <sup>®</sup> 1000	125 ± 25 µm	1.0%	none	low shot, short fibre with easy dispersion	25 kg/bag 500 kg/pallet*
Rockbrake <sup>®</sup> RB260-Roxul <sup>®</sup> 1000	300 ± 50 µm	0.20%	none	very low shot, low wear, long fibre	16 kg/bag 400 kg/pallet
Rockbrake <sup>®</sup> RB280-Roxul <sup>®</sup> 1000	650 ± 150 µm	0.20%	cationic	very low shot, long fibre mainly meant for wet mixes	7 kg/bag 210 kg/pallet
Rockbrake <sup>®</sup> RB295-Roxul <sup>®</sup> 1000	125 ± 25 µm	5.0%	none	lower shot, easy dispersion	25 kg/bag 500 kg/pallet*
Rockbrake <sup>®</sup> RB297-Roxul <sup>®</sup> 1000	300 ± 50 µm	20%	none	medium shot, relative long fibre	15 kg/bag 450 kg/pallet
Rockbrake <sup>®</sup> RBC300-Roxul <sup>®</sup> 1000	max 200 µm	30%	none	medium to high shot	25 kg/bag 500 Kg/ pallet*

<sup>1</sup> All Rockbrake<sup>®</sup> products fulfill the requirements for biosolubility as defined in Note Q of EU-D 1272/2008 (CLP)

\* To increase the amount in a container, these products can be packed in 25 kg bags on 625 Kg pallets



## Trading product range

Grade	Length	Specific surface area	Canadian standard freeness	Typical property	Packaging
Heracron® HP100	0,20 - 0,35 mm	5,5 - 7,5 m <sup>2</sup> /g	350 - 450 ml	aramid, virgin material, premium grade, improved processing and strength	5kg/bag 130kg/pallet
Heracron® HP300	0,15 - 0,30 mm	4,0 - 6,0 m <sup>2</sup> /g	Max 500 ml	aramid, virgin material, cost effective	5kg/bag 130kg/pallet

Grade	Average particle size	Typical property	Packaging
Rumal 005	approx. 0,25 micron	rubber crumb, granulated truck tires, finer particles for improved wear performance	25 kg/bag 1000kg per pallet or bigbag
Rumal 008	approx. 0,40 micron	rubber crumb, granulated truck tires, medium particle size	25 kg/bag 1000kg per pallet or bigbag
Rumal 171	approx. 0,55 micron	rubber crumb ,granulated truck tires, coarse particles for lower hardness	25 kg/bag 1000kg per pallet or bigbag

Grade	Average particle size	Bulk density	Specific surface area	Typical property	Packaging
Promat® Promaxon-D	35-85 micron	80-130 g/l	> 40 m <sup>2</sup> /g	hydrated calcium silicate powder, highly porous, thermally stable, improved compressibility, increased friction level stability	10 kg/bag 300 kg/pallet

