

TECHNICAL DATA SHEET

BITUMENMIX

Additive used as a constituent material for asphalt production

June 2018

DESCRIPTION:

The product is an additive in the form of bitumen granules for the production of asphalt for roads. The bitumen granules are added in the asphalt production as a partial substitute for virgin bitumen. Normally approx. 5% bitumen is required in asphalt. 2% additive is recommended and the remaining 3% can be a mix of virgin bitumen and bitumen from reclaimed asphalt.

BitumenMix supplied by Tarpaper Recycling ApS /Dachpappe Recycling Deutschland – DRD GmbH is a bitumen product in granules, manufactured from processing of recycled bituminous roofing felt. The granules include bitumen ($\geq 50\%$) and aggregate, filler and fibers (in total 45%). The bitumen granules are characterized by the following characteristics; grading, particle size, source, type and properties, and homogeneity, which are defined in accordance with EN 13108-8.

CHARACTERISTICS AND SPECIFICATIONS:

Tarpaper Recycling ApS/Dachpappe Recycling Deutschland GmbH guarantees that the BitumenMix is produced in compliance to and is in conformity to EN 13108-8 and meets the following specification requirements:

Bitumen Penetration Characteristics	Unit	Specification	Test Method
Softening point - Ring and Ball method	°C	≤ 102	EN 1427
Penetration (1/10 mm)	mm	≥ 8	EN 1426
Bitumen (binder) content	%	$\geq 50\%$	EN 12697-1
Foreign matter	%	Max. 2	EN 12697-42
Grading	mm	0-12	EN 12697-2

DELIVERY AND PRODUCTION:

Delivery on BitumenMix will be in bulk on trucks. BitumenMix should be stored indoor to avoid increasing water content. BitumenMix should be fed directly into the mixer or mixed with recycled asphalt just in time before production. BitumenMix should be used within one week from delivery.