

REDEMUL[®]-D

ANIONIC EMULSIONS WITH LOW SOLIDS
CONTENT FOR PANELS



Specialities

Description

Repsol's REDEMUL[®]-D series consists of paraffin emulsions with low solids content and small particle size, designed for waterproofing chipboard panels. They are made using a mixture of paraffins, carefully chosen and treated to ensure the best waterproofing results. They have been emulsified with a selection of surfactants capable of ensuring their maximum stability, both in transportation and in handling.

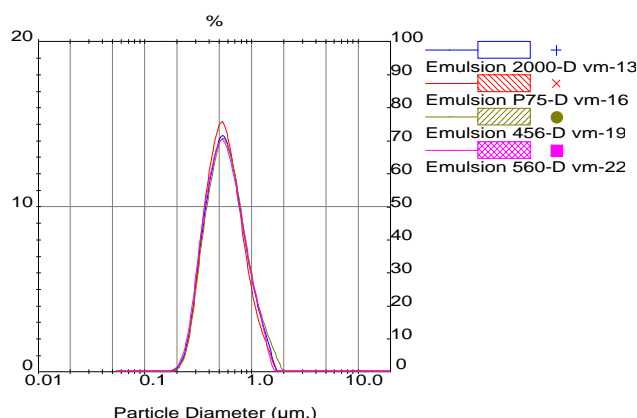
Applications

The REDEMUL[®]-D range of emulsions was designed to guarantee compliance with our customers' requirements for all kinds of processes, applications and finishes (chipboard, OSB, MDF, etc.). They are characterised by an excellent water-barrier effect, large coating capacity and stability in handling and storage, whilst providing excellent resistance to hard water.

Technical Specifications

	UNITS	METHOD	456-D	560-D	P-75D	2000-D
Colour	-	IT PAL-100	B	B	B	B
Brookfield viscosity	cP	IT PAL-101	<100	< 600	< 500	<200
Solids	%p	IT PAL-104	43-47	49-51	48-52	49-51
pH	-	ASTM D 611	9	9	9	9
Average particle size	µm	CAT 19.00	0,6	0,6	0,6	0,6
Mechanical stability	-	IT PAL-102	E ⁽¹⁾	E ⁽¹⁾	E ⁽¹⁾	E ⁽¹⁾
Stability with hard water	-	IT PAL-103	E ⁽¹⁾	E ⁽¹⁾	E ⁽¹⁾	E ⁽¹⁾
Density at 25°C	g/ml	ASTM D1298	0,950	0,950	0,950	0,950

E⁽¹⁾: Stable



Typical particle size distribution

Unless otherwise indicated, the figures cited in the technical specifications should be considered typical

Specialties technical data sheet. Version 3. January 2015.

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Packaging

Redemul[®] products are supplied in 200-litre drums, 1000-litre containers and using 25-mt road tankers. They should be stored in a closed container with a venting system and protected from sudden temperature changes in a range between 10 and 30°C.

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