



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

TECHNICAL SPECIFICATION Zümrüt Rubberized Bitumen Emulsion (ZRBE)

TECHNICAL SPECIFICATION		
RTQRGTVKGU	XCNWGU	VGUV UVC PFCTFU
Color	Dark brown	-
Form	Thixotropic viscous liquid	-
Density, [g/cc]	1.02±0.02	ASTM D 2939
Solid Content, [%]	40±5 approx	ASTM D 2939
Rubber Content, [%] >10 on dried film		
Elongation, [%]	>300	ASTM D 412
Drying Time [min]	60	-
Application temp, [°C]	5 to 55	
Service temp, [°C]	-5 to 75	
VOC [g/l]	<50	ASTM D 3960/ D 2369

All values given are subject to 5-10% variation

Usage Guidelines

- **Waterproofing:** 2–3 coats with cross application.
- **Protective coating:** Single coat may be sufficient.
- **Road works:** Apply as per design specification (tack coat, seal coat, or slurry).



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