Incorez
custom chemistry

Guide Formulations

2K Waterborne Primer - Floors

Ref: Amirez 148/270 - 048

Part A	Material	Supplier	Parts by Weight
1. Polyamine adduct	Amirez 148/055	Incorez	41.54
2. Diluent	Water	Local	7.67
3. Defoamer	BYK 1711	BYK	0.55
4. Substrate Wetting Agent	Tego twin 4200	Evonik	0.37
5. Diluent	Water	Local	9.87

Part B	Material	Supplier	Parts by Weight
Epoxy Resin	Epikote 828 LVEL	Hexion	40.00
Total			100.00

Manufacturing Instructions – Part A

- Charge component 1 (Amirez 148/270) and component 2 (Water). Stir until homogeneous at low shear.
- Add component 3 (BYK 1711) under stirring. Mix for 10 min at low shear.
- Add component 4 (Tego twin 4200) under stirring. Mix for 10 min at low shear.
- Add component 5 (Water).
- Continue mixing at low shear for 10 min until homogenous.

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Manufacturing Instructions – Continued

- Finally mix PART A and PART B under low shear mechanical mixing for 5-6 min until the system is homogeneous and all of the Epoxy Resin is emulsified.
- The above mixed system is then ready to be applied.

Properties

VOC	0
PHR	105
Gloss (60^{0}C) - 7 day	134
Persoz hardness - 1 day	110
Persoz hardness - 7 day	316

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