



AMBANI ORGANICS PVT. LTD.

801, "351 – ICON", Andheri (E), Mumbai – 400069 ,India

Tele – 022 26833778 www.ambaniorganics.com

AOPL MURA C 55

ACRYLIC BINDER FOR ELASTOMERIC ROOF COATING AND MASONRY COATINGS

AOPL MURA55 is a new generation Acrylic copolymer dispersion, Apeo free and formaldehyde freedesigned for high performance elastomeric coating on roofings.

AOPL MURA55 latex is developed as a high performing, high tensile strength polymer that, when formulated into a Elastomeric Roof Coating formulation, delivers improved toughness and hail resistance Coatings ,with excellent adhesion to polyurethane foam and a variety of other construction and roofing substrates.

TYPICAL DATA:

Total Solids	: 55.0-57.0
PH	: 7.5-8.5
Viscosity @ 23 °C	: 1000 cps max
Brookfield RVT	
Spindale No 7	
RPM 20	

TYPICAL PROPERTIES:

Particle Size, microns	: 0.3-0.5
MFFT °C, approx	: 0
Glass Transition Temperature (ONSET)	: -35 °C
Specific Gravity Dispersion	: 1.03-1.04

Features

100% acrylic composition	----- Outstanding exterior durability
Dirt-resistant chemistry	----- Maintains attractive appearance
Low glass transition temperature	----- maintains flexibility and bridge cracks
Permeable to water vapor	----- Permits water vapor in substrate to escape
Ultraviolet resistance	----- Improves chalk resistance and tint retention
Permanently flexible	----- eliminates the need for external plasticizer
Waterborne	----- Simple handling and cleaning

Application guidelines for using

Formulation– Masonry Restoration Paint (40% PVC)

Material Name	: KG
Natrosol 250 MR (3.0%)	: 100.0
Water	: 50.0
Dispersing agent (30.0%)	: 7.0

ISO: 9001 : 2008 Certified

The above information is to the best of our knowledge true and accurate. Since the conditions that the products are used in cannot be handled or controlled by us we cannot guarantee the results and assume liability to damages incurred by using this product
Refer to M.S.D.S. for handling procedures.



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KTPP (100.0%)	: 1.0
Propylene Glycol	: 23.9
Nonionic emulsifier	: 4.0
Preservative	: 1.6
Nopco NXZ	: 2.0
fungicide	: 6.5
Ti-Pure R-706	: 200.0
Duramite	: 250.0

Grind for approximately 15 minutes then letdown with minimum agitation. Before letdown, reduce to slow speed and add the AOPL MURA55 polymer. Continue agitation at a low speed while adding the other ingredients. Upon completion of all additions, reposition the impeller to maintain a good vortex. Mix for 5 minutes.

AOPL MURA55	: 400
Texanol	: 6
Nopco NXZ	: 2
Aqueous Ammonia (28%)	: 2
Natrosol 250 MR (3.0%)	: 115
Total	: 1170
PVC	: 40.1
Volume Solids	: 40.9
Weight Solids	: 56.9
VOC, g/l	: 83

Formulation– ELASTOMERIC WALL COATING (35% PVC)

Material Name	: KG
Natrosol 250 MHR (2.5%)	: 108.0
Dispersing agent (30.0%)	: 5.0
Propylene Glycol	: 19.0
Nonionic emulsifier	: 4.5
Preservative	: 1.5
Nopco NXZ	: 3.6
Fungicide	: 6.5
Ti-Pure R-960	: 100
Duramite	: 325

ISO: 9001 : 2008 Certified

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Grind for approximately 15 minutes then letdown with minimum agitation. Before letdown, reduce to slowspeed and add the AOPL MURA 55 polymer. Continue agitation at a low speed while adding the other ingredients. Upon completion of all additions, reposition the impeller to maintain a good vortex. Mix for 5 minutes

AOPL MURA55	: 528
Texanol	: 6.0
Nopco NXZ	: 3.0
Aqueous Ammonia (28%)	: 1.0
Natrosol 250 MR (3.0%)	: 18.5
Thickener	: 2.0
Water	: 2.0
Totals	: 1134

PVC	: 35.1
Volume Solids	: 50
Weight Solids	: 63
VOC, g/l	: 56

HEALTH & SAFETY:

Please refer to the Material Safety Data Sheet for safety and environmental information. AOPL MURA55 is not classified as dangerous .

STORAGE & HANDLING:

Store at an even temperature of between +5 °C and +32 °C avoiding frost and direct sunlight. Stir product before use. If stored according to these conditions and in the original unopened containers, the dispersion will be stable for 6 months .

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