

Technical Data Sheet

Hato Ultima Shield Acrylic Emulsion for Ceiling

Cross Linked Polymer Technology, the paint performance is outstanding Anti-Dirt picked up & Water-Proof, it is specially for ceiling applications on placer or pyseum board ceiling. Mult finishing is designed to conceal ceiling islant by reducing reflection on film finishing in order to provide amounts searnless ceiling surfaces. Loceleth adhesion. Anti stiges and fungus. No lead and mercury added & Low V.O.C. with 15 years durability. TECHNICAL INFORMATION Type 100% Pure Acrylia Emulsion Write, Grey Mult Pack are 125 and 5 US Callons Solid by volumn 39 25-40 42 Solid by volumn 39 25-40 42 Solid by veight 50.00 60.77 Specific gravity 1266-1-510 Wet film thickness 95-110 microne Dry film thickness 37 29-43 77 microns Theoretical coverage 35-40 8q m_/coadgallon Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and fechnique; as well as the structure and dimensions of the object to be coated Touch dry (95-30°c) Ab liseas? Days APPLICATION Totals Roller, Brush and Spray Clean Water Dilution (%) APPLICATION SYSTEM Surface Repeatation New Surfaces must be completely died and curred at least 1 month. Surface must be free from will brescure. Brush down or scrape off any law material and coment splashes. Old Surface Printer New Surfaces must be completely died and curred at least 1 month. Surface must be free from will brescure. Brush down or scrape off any law material and coment splashes. Old Surface Printer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Cotting system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Cotting system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Cotting system Primer Primer Country and challes unface must be accubated and cleaned with water. Fungus and Middew growth must be clean of the c	FEATURES	HATO ULTIMA SHIELD ceiling paint is 100% pure acrylic latex for ceiling application. Being formulated with
conceal celling joints by reducing reflection on film finishing in order to provide smooth seamtless celling surfaces. Excellent adhesion. Anti algae and fungus. No lead and mercury added & Low V.O.C with 15 years durability. TECHNICAL INFORMATION Type 100% Pure Acrylic Emulsion Color Write, Grey Film appearance Mott Pack size 1, 2, 5 and 5 US Callons Solid by volumn 39,254,042 Solid by volumn 39,254,042 Solid by weight 59,00-60,77 Specific gravity 1,466-1,510 Wet film thickness 95-110 microns Dry film thickness 95-110 microns Dry film thickness 37-294,5,17 microns Theoretical coverage 35-40 sq. m.coatigallon Remark - Actual Surface converage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated Touch dry (25-30°c) 30 Minutes Recoal dry (25-30°c) At least 7 Days APPLICATION Tools Dilutin (25-30°c) APPLICATION Tools Roller, Brush and Sprey Clean Water Dilution (%) 5-10% (refler and brush) / 15-20% (spray) APPLICATION SYSTEM Surface Preparation New Surface. Preparation New Surface. Diluting and control and control and control and control and and celling surfaces must be completely dried and cured at least 1 month. Surface must be free from efforescence. Brush down or scrape off any lose material and cement splaches. Old Surface Powdery and challey surfaces must be completely dried and cured at least 1 month. Surface must be free from efforescence. Brush down or scrape off any lose material and cement splaches. Old Surface Powdery and challey surfaces must be scrapbed and cleaned with water. Furgus and Mildew growth must be declared system Primer New Surface. Apply 1-2 coals of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coals of Hato Super Primer All in one HA2038 (Water-based) Apply 1-2 coals of Hato Super Primer All in one HA2038 (Water-based) Employed Surface Super Primer All in one HA2038 (Water-based) Surface Powder Primer All in one HA2038 (Water-based) Surface Powder Primer		Cross-Linked Polymer Technology, the paint performance is outstanding Anti-Dirt picked up & Water-Proof,
surfaces. Excellent adhesion. Anti algae and fungus. No lead and mercury added & Low V.O.C with 15 years durability. TECHNICAL INFORMATION Type		it is specially for ceiling applications on plaster or gypsum board ceiling. Matt finishing is designed to
TECHNICAL INFORMATION Type		conceal ceiling joints by reducing reflection on film finishing in order to provide smooth seamless ceiling
TECHNICAL INFORMATION Type 100% Pure Acrylic Emulsion White, Crey Film appearance Matt Pack size 1, 2.5 and 5 US Gallons Solid by volumn 39.25-40.42 Solid by weight 59.00-80.77 Specific gravity 1,466-1.510 Well film historiess 9e-110 microns Dry film thickness 9e-110 microns Ory film thickness 37.29-43.17 microns 37.29-43.17 microns Touch dry (25-30°c) 30 Minutes Record dry (25-30°c) 2 Hours Full cure (25-30°c) At least 7 Days APPLICATION Tools Roller, Brush and Spray Dilution (%) 5-10% (roller and brush) / 15-20% (spray) APPLICATION SYSTEM Surface Preparation New Surface Brush down or scrape off any lose material and cement spleshes, Pendery and chalky surfaces must be completely dried and cured at least 1 month. Surface must be free from efficience. Brush down or scrape off any lose material and cement spleshes. Pendery and chalky surfaces must be strubture and allow and cleaned with water. Fungus and Milidew growth must be clean off with physochiotite solution and allow for drying out at least 2-3 days. Coating system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coats of Hato Ultima Shield Ceiling Paint TIS TIS 231-2564 (Weather resistant emulsion paints) Keep the containers in a dry, cool, well ventilated space and away from heat. Containers must be kept sightly closed.		surfaces. Excellent adhesion. Anti algae and fungus. No lead and mercury added & Low V.O.C with 15
Type 100% Pure Acrylic Emulsion White, Grey Film appearance Mat Pack size 1, 25 and 5 US Gallons Solid by weight 59:00-60.77 Specific gravity 1.466-1.510 Wet film thickness 57:10 microns 37:29-43.17 microns 37:29-43.17 microns 37:29-43.17 microns 37:29-43.17 microns 37:20-43.17 microns 37:20-43.17 microns 37:20-43.17 microns 37:20-43.17 microns 37:20-43.17 microns 37:20-43.17 microns 38-40 St.m./cossl/gallon Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coaled Touch dry (25-30°c) 20 Minutes Recoat dry (25-30°c) 21 Hours Full cure (25-30°c) Aleast 7 Days APPLICATION Tools Roller, Brush and Spray Diluent Clean Water Dilution (%) 5-10% (roller and brush) / 15-20% (spray) APPLICATION SYSTEM Surface Preparation New Surface The surfaces must be completely dried and cured at least 1 month. Surface must be free from efflorescence. Brush down or scrape off any lose material and cement splashes. Old Surface Powdery and chally surfaces must be scrubbad and clerned with water. Lungus and Mildew growth must be clean off with hypoxchicrite solution and allow for drying out at least 2-3 days. Coating system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Topcoat Application of Hato Cultima Shield Ceiling Paint TIS Tis 2321-2564 (Weather resistant emulsion paints) HANDLING AND STORAGE Keep the containers in a dry, cool, well vertilated space and away from heat. Containers must be kept sightly closed.		years durability.
Color White, Grey Film appearance Matt Pack size 1, 25 and 5 US Gallons Solid by volumn 39 25-40.42 Solid by volumn 59-60.47 Specific gravity 1.466-1.510 Wet film thickness 95-110 microns Dry film thickness 37.29-43.17 microns 15-60.49 Sr., m./coal/gallon Remark - Actual Surface overage will depend on surface irregularities. Mixing, Application Condition method and technique; as well as the structure and dimensions of fine object to be coated Touch dry (25-30°c) 30 Minutes Recoal dry (25-30°c) 4 Iteast 7 Days APPLICATION Tools Relicant (25-80°c) Alters 7 Days APPLICATION SYSTEM Surface Preparation New Surface The surfaces must be completely dried and cured at least 1 month, Surface must be free from efflorescence. Drush down or scrape off any lose material and cement splashes. Old Surface Powdary and challey surfaces must be scrubbed and cliened with water. Fungus and Mildew growth must be clean off with hypochlorite solution and allow for drying out at least 2-3 days. Coating system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Topcoat Tis 3231-2564 (Weather resistant emulsion paints) Keep the consistency in a dry, cod, well ventilated space and away from heal. Containers must be kepl lightly closed.	TECHNICAL INFORMATION	
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Wet film thickness 95-110 microns Dry film thickness 37.29-43.17 microns Theoretical coverage 35-40 Sq.m./coat/gallon Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated Touch dry (25-30°c) 30 Minutes Recoat dry (25-30°c) 2 Hours Full cure (25-30°c) At least 7 Days APPLICATION Tools Roller, Brush and Spray Diluent Clean Water Dilution (%) 5-10% (roller and brush) / 15-20% (spray) APPLICATION SYSTEM Surface Preparation New Surface The surfaces must be completely dried and cured at least 1 month. Surface must be free from efflorescence. Brush down or scrape off any lose material and cement splashes. Old Surface Powdery and chalky surfaces must be scrubbed and cleaned with water. Fungus and Mildew growth must be clean off with hypochlorite solution and allow for drying out at least 2-3 days. Coating system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Topcoat Apply 1-2 coats of Hato Ultima Shield Ceiling Paint TIS 18 2321-2564 (Weather resistant emulsion paints) Keep the containers in a dry, cool, well ventilated space and away from heat. Containers must be kept tightly closed.	Solid by weight	59.00-60.77
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APPLICATION Tools Roller, Brush and Spray Diluent Clean Water Dilution (%) 5-10% (roller and brush) / 15-20% (spray) APPLICATION SYSTEM Surface Preparation New Surface The surfaces must be completely dried and cured at least 1 month. Surface must be free from efflorescence. Brush down or scrape off any lose material and cement splashes. Old Surface Powdery and chalky surfaces must be scrubbed and cleaned with water. Fungus and Mildew growth must be clean off with hypochlorite solution and allow for drying out at least 2-3 days. Coating system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Topcoat Apply 1-2 coats of Hato Ultima Shield Celling Paint TIS TIS 2321-2564 (Weather resistant emulsion paints) Keep the containers in a dry, cool, well ventilated space and away from heat. Containers must be kept tightly closed.	Recoat dry (25-30°c)	2 Hours
Tools Diluent Clean Water Dilution (%) 5-10% (roller and brush) / 15-20% (spray) APPLICATION SYSTEM Surface Preparation New Surface Old Surface Powdery and chalky surfaces must be scrubbed and cleaned with water. Fungus and Mildew growth must be clean off with hypochlorite solution and allow for drying out at least 2-3 days. Coating system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Topcoat Apply 1-2 coats of Hato Ultima Shield Ceiling Paint TIS TIS 2321-2564 (Weather resistant emulsion paints) Keep the containers in a dry, cool, well ventilated space and away from heat. Containers must be kept tightly closed.	Full cure (25-30°c)	At least 7 Days
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Dilution (%) 5-10% (roller and brush) / 15-20% (spray) APPLICATION SYSTEM Surface Preparation New Surface The surfaces must be completely dried and cured at least 1 month. Surface must be free from efflorescence. Brush down or scrape off any lose material and cement splashes. Old Surface Powdery and chalky surfaces must be scrubbed and cleaned with water. Fungus and Mildew growth must be clean off with hypochlorite solution and allow for drying out at least 2-3 days. Coating system Primer New Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Old Surface: Apply 1-2 coats of Hato Super Primer All in one HA2038 (Water-based) Topcoat Apply 1-2 coats of Hato Ultima Shield Ceiling Paint TIS TIS 2321-2564 (Weather resistant emulsion paints) Keep the containers in a dry, cool, well ventilated space and away from heat. Containers must be kept tightly closed.	Tools	Roller, Brush and Spray
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HEALTH AND SAFETY Use under well ventilated conditions. Avoid skin contact.		tightly closed.
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