

Ecologic™ and Saint-Astier® Stucco and Plaster Comparison Chart

Makers of
ecologic®
Brand
Mortar & Plaster
For Historic Restoration
and Green Building

deGruchy's
LIMEWORKS.us

Phone: 215-536-6706
Fax: 215-453-1310

3145 State Road, Telford, PA 18969
www.LimeWorks.us

	Ecologic™ TAKCOAT® (Sold in Quarts, Gallons, 50lbs bags)		Ecologic™ TOPCOAT™ SCG (G) (Sold in Quarts, Gallons, & 50lbs bags)		Ecologic™ TOPCOAT™ SCG (F) (Sold in Quarts, Gallons, & 50lbs bags)	
Cost per Bag/Pail (Stock / Custom)	\$40 / \$68		\$40 / \$68		\$40 / \$68	
Weight per Bag/Pail (Stock / Custom)	50 lbs / 38.5 lbs		50 lbs / 38.5 lbs		50 lbs / 38.5 lbs	
Average Coverage (sqft. per stock bag, assuming flat wall)	Thickness	sqft	Thickness	sqft	Thickness	sqft
	1/16"	140	1/4"	22.5	1/8"	41.6
	1/8"	70	3/8"	14.2	3/8"	14.2
	3/16"	46.7	1/2"	10.4	1/2"	10.4
	1/4"	35	3/4"	6.5	3/4"	6.5
			1"	5.2	1"	5.2
Color	Non-Pigmented, dries brilliant white - Custom Colors Possible		Non-Pigmented, warm white with a creamy, grey undertone - Custom colors possible		Non-Pigmented, warm white with a creamy, grey undertone - Custom colors possible	
Surface Texture	Coarse with a keying tooth to grab subsequent coats		Rustic, granular finish like coarse sand paper		Visually smooth, fine sanded finish with the texture of construction paper	
Suitable Substrates	New drywall finished to level 3 or greater, wood or non-rusting lath, raw masonry, or any solid non-flexing, non-expanding substrate		TAKCOAT®, non-rusting lath, cured clean absorbent raw brick, stone, block, strawbale, hempcrete, and vertical concrete		Surfaces prepped with TAKCOAT®, scratch coats of TOPCOAT (G), or scratch coats of coarse sanded Saint-Astier® NHL	
Purpose and Applications	Lime plaster or stucco transition coat. Can be used as an additive to create a more sticky vertical parging. Can be used neat as heavy-bodied whitewash		Interior lime plaster and mortar, exterior lime stucco and mortar. Use for brown, scratch, and coarse finish lime plaster and stucco. Can be used for repointing and laying historic or modern brick and stone.		Interior or exterior lime plaster, stucco, or mortar. Primary use as a lime plaster or stucco finish coat. Can also be used for repointing and laying historic or modern brick and stone with narrow joints.	
Generalized Surface Preparation	Prewet the substrate, ensure no standing water. For use over drywall finish to level 3 or greater, for use over masonry or existing lime/ gypsum plaster remove all loose or unstable debris, dust, or surface contaminants (please see product cut sheet for more information)		Prewet the substrate with clean potable water, ensure no standing water. For use over masonry or existing lime plaster remove all loose or unstable debris, dust, or surface contaminants. (please see product cut sheet for more information)		Prewet the substrate with clean potable water, ensure no standing water. For use over masonry or existing lime plaster remove all loose or unstable debris, dust, or surface contaminants. For applications over existing lime plaster or lime/cement stucco, prep surface by lightly keying the plaster to add grooves to give a mechanical bond for the next coat (please see product cut sheet for more information)	

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Ecologic™ and Saint-Astier® Stucco and Plaster Comparison Chart



	Ecologic™ TOPCOAT™ SCG (XF) Interior (Sold in Quarts, Gallons, & 50lbs bags)		Ecologic™ TOPCOAT™ SCG (XF) Exterior Customized (Sold in Quarts, Gallons, & 5 Gallon Pails)	
Cost per Bag/Pail (Stock / Custom)	\$40 / \$68		\$68	
Weight per Bag/Pail (Stock / Custom)	50 lbs / 38.5 lbs		38.5 lbs	
Average Coverage (sqft. per stock bag, assuming flat wall)	Thickness	sqft	Thickness	sqft
	1/16"	140	1/16"	75
	1/8"	70	1/8"	38
	3/16"	46.7	3/16"	25
	1/4"	35	1/4"	19
Color	Non-Pigmented, bright white, darker if burnished - Custom colors possible		Non-Pigmented, bright white, darker if burnished - Custom colors possible	
Surface Texture	Traditional interior extra smooth plaster finish		Traditional exterior extra smooth plaster finish	
Suitable Substrates	Surfaces prepped with TAKCOAT® and/or scratch coats of TOPCOAT (G) or (F), or scratch coats of coarse or fine sanded Saint-Astier® NHL		Surfaces prepped with TAKCOAT® and/or scratch coats of TOPCOAT (G) or (F), or scratch coats of coarse or fine sanded Saint-Astier® NHL	
Purpose and Applications	Interior Lime Plaster Finish Coat		Interior or Exterior Lime Plaster Finish Coat	
Generalized Surface Preparation	Prewet the substrate with clean potable water, ensure no standing water. For use over TAKCOAT®, TOPCOAT, or existing lime plaster remove all loose or unstable debris, dust, or surface contaminants. For applications over TAKCOAT® and/ or TOPCOAT prep surface by lightly keying the plaster to add grooves to give a mechanical bond for the next coat (please see product cut sheet for more information)		Prewet the substrate with clean potable water, ensure no standing water. For use over TAKCOAT®, TOPCOAT, or existing lime plaster remove all loose or unstable debris, dust, or surface contaminants. For applications over TAKCOAT® and/or TOPCOAT, prep surface by lightly keying the plaster to add grooves to give a mechanical bond for the next coat (please see product cut sheet for more information)	

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Ecologic™ and Saint-Astier® Stucco and Plaster Comparison Chart

	Ecologic™ Mortar SCG (G) (Sold in Quarts, Gallons, & 38.5lbs bags)		Ecologic™ Mortar SCG (F) (Sold in Quarts, Gallons, & 38.5lbs bags)	
Cost per Bag/Pail (Stock / Custom)	\$30 / \$68		\$30 / \$68	
Weight per Bag/Pail (Stock / Custom)	38.5 lbs / 38.5 lbs		38.5 lbs / 38.5 lbs	
Average Coverage (sqft. per stock bag, assuming flat wall)	Thickness	sqft	Thickness	sqft
	1/4"	17.5	1/8"	38
	3/8"	11	3/8"	12.6
	1/2"	8.5	1/2"	9.5
	3/4"	5.7	3/4"	6.4
	1"	4.3	1"	4.8
Color	Non-Pigmented, warm white, 12 stock colors, or customized in endless colors		Non-Pigmented, warm white, 12 stock colors, or customized in endless colors	
Surface Texture	Rustic, granular finish like coarse sand paper		Visually smooth, fine sanded finish with the texture of construction paper	
Suitable Substrates	TAKCOAT® , non-rusting lath, cured clean absorbent raw brick, stone, block, strawbale, hempcrete, and vertical concrete		Surfaces prepped with TAKCOAT®, scratch coats of TOPCOAT (G), or scratch coats of coarse sanded Saint-Astier® NHL	
Purpose and Applications	Used for repointing and laying historic or modern brick and stone. Can also be used for interior or exterior brown, scratch, and coarse finish lime plaster or stucco		Used for repointing and laying historic or modern brick and stone with narrow joints. Can also be used for interior or exterior lime plaster or stucco	
Generalized Surface Preparation	Prewet the substrate with clean potable water, ensure no standing water. For use over masonry or existing lime plaster remove all loose or unstable debris, dust, or surface contaminants. (please see product cut sheet for more information)		Prewet the substrate with clean potable water, ensure no standing water. For use over masonry or existing lime plaster remove all loose or unstable debris, dust, or surface contaminants. For applications over existing lime plaster or lime/cement stucco, prep surface by lightly keying the plaster to add grooves to give a mechanical bond for the next coat (please see product cut sheet for more information)	

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Ecologic™ and Saint-Astier® Stucco and Plaster Comparison Chart

	Saint-Astier® NHL 2			Saint-Astier® NHL 3.5			Saint-Astier® NHL 5		
Cost per Bag	\$60			\$53			\$53		
Weight per Bag	55 lbs			55 lbs			55 lbs		
Average Coverage (sqft. per stock bag, assuming flat wall)	Thickness	Ratio (1:2) sqft	Ratio (1:2.5) sqft	Thickness	Ratio (1:2) sqft	Ratio (1:2.5) sqft	Thickness	Ratio (1:2) sqft	Ratio (1:2.5) sqft
	1/8"	282	322	1/8"	305	347	1/8"	339	387
	3/8"	94	107	3/8"	102	116	3/8"	113	129
	1/2"	70	80	1/2"	79	87	1/2"	85	97
	3/4"	47	53	3/4"	51	58	3/4"	56	64
	1"	35	40	1"	38	43	1"	42	48
Color	Powder is eggshell white and measures 76 on the whiteness index. Final product dependent on the aggregate color and mix ratio. Lime comes in this natural white color. Custom colors can be achieved with Ecologic Color Packs			Powder is eggshell white and measures 72 on the whiteness index. Final product dependent on the aggregate color and mix ratio. Lime comes in this natural white color. Custom colors can be achieved with Ecologic Color Packs.			Powder is a medium greyish-white with grey undertones and measures 67 on the whiteness index. Final product dependent on the aggregate color and mix ratio. Lime comes in this natural white color. Custom colors can be achieved with Ecologic Color Packs.		
Surface Texture	Dependent on the aggregate gradation used and mix ratio.			Dependent on the aggregate gradation used and mix ratio.			Dependent on the aggregate gradation used and mix ratio.		
Suitable Substrates	Dependent on the aggregate gradation used and mix ratio. Generally for very soft brick, stone, or adobe/cob walls, clean and scarified existing interior lime plasters, surfaces coated with TAKCOAT®, TOPCOAT, Ecologic Mortar, Sanded NHL 3.5 or 5 base mixes, raw brick and stone			Dependent on the aggregate gradation used and mix ratio. Generally to stucco over or lay up raw brick or stone, clean and scarified existing lime plaster and stucco, surfaces coated with TAKCOAT®, TOPCOAT, Ecologic Mortar, or Sanded NHL 5 base mixes			Dependent on the aggregate gradation used and mix ratio. Good for extreme natural elements exposure, chimney tops, wall heads, marine environments, extreme freeze thaw regions, wet areas, and foundations		
Purpose and Applications	Lime plaster, stucco, and mortar. Leveling coats, brown/scratch coats, finish coats, or sacrificial highly conductive lime mortar for releasing moisture as needed			Lime plaster, stucco, and mortar. Leveling coats, brown/scratch coats, finish coats, or all installations including breathable lime mortar/ stucco in all weather zones for historic and modern masonry			Lime plaster, stucco, and mortar. Leveling coats, brown/scratch or below grade parging coats, or all installations including breathable lime mortar/ stucco in all weather zones for historic and modern masonry, especially good for laying rubble field stone when using very coarse sand		
Generalized Surface Preparation	Prewet the substrate with clean potable water, ensure no standing water. Remove all loose or unstable debris, dust, or surface contaminants. For applications over lime plaster or stucco, prep surface by lightly keying the plaster to add grooves to give a mechanical bond for the next coat (please see product cut sheet for more information)			Prewet the substrate with clean potable water, ensure no standing water. Remove all loose or unstable debris, dust, or surface contaminants. For applications over lime plaster or stucco, prep surface by lightly keying the plaster to add grooves to give a mechanical bond for the next coat (please see product cut sheet for more information)			Prewet the substrate with clean potable water, ensure no standing water. Remove all loose or unstable debris, dust, or surface contaminants. For applications over lime plaster or stucco, prep surface by lightly keying the plaster to add grooves to give a mechanical bond for the next coat (please see product cut sheet for more information)		

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