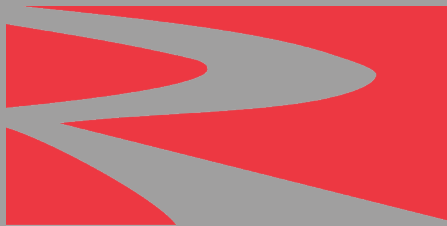


Extreme
Service
Castables



RESCO[®]
PRODUCTS, INC.

www.RescoProducts.com

Extreme Service Castables

CAST INSTALLATION

Installation Method	Product	Bulk Density After 1500 °F	Maximum Service Temp (°F)	Cold Crushing Strength After 1500 °F
CAST	Rescocast 17EMC	106	2500	7,000
	Rescocast 110EZ	110	2400	8,500
	Rescocast 110C	110	2400	8,500
	Rescobond 17HP	127	2750	10,000
	Rescocast 17EC	130	2750	9,500
	Rescocast 88VC	134	2750	12,000
	R-Max C	164	3200	21,000
	Rescocast 17 AC	174	3400	9,500
	R-Max MP	180	2400	22,000

GUNNED INSTALLATION

Installation Method	Product	Bulk Density After 1500 °F	Maximum Service Temp (°F)	Cold Crushing Strength After 1500 °F
GUNNED	Rescocast 17EMG	106	2500	7,000
	Rescocast 110G	113	2400	7,000
	Rescocast 17EG	128	2750	6,500
	R-Max G	154	3200	12,000
	Rescocast 17AG	168	3400	6,500

HAND-PACKED / RAMMED INSTALLATION

Installation Method	Product	Bulk Density After 1500 °F	Maximum Service Temp (°F)	Cold Crushing Strength After 1500 °F
	Rescocast 88HP	133-139	2750	10,000-14,000
	Rescobond AA-22S	168		20,500

MAINTENANCE REFRACTORY PRODUCTS

Installation Method	Product	Chemical Analysis			
		Al ₂ O ₃	SiO ₂	P ₂ O ₅	Alkalies
	Rescobond AA-22S Brushmix	86.5	13.2	--	0.3
	22 Caulk	86.5	--	13.3	0.2

Rescocast 17EMC

Rescocast 110EZ

Rescocast 110C

Rescobond 17HP

Rescocast 17EC

Rescocast 88VC

R-Max C

Rescocast 17AC

R-Max MP

Rescocast 17EMG

Rescocast 110G

Rescocast 17EG

R-Max G

Rescocast 17AG

Rescocast 88HP

Rescobond AA-22S

AA-22S Brushmix

22 Caulk

Extreme Service Castables

Thermal Conductivity 1000 °F	Erosion Loss	Permanent Linear Change After 1500 °F (def)	Chemical Analysis					
			Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO/ MgO	Alkalies
5.0	--	-0.3 to 0.0	54.8	36.2	0.7	--	8.0	0.3
6.0	10 (max)	-0.4 to 0.0	51.2	36.3	1.9	1.0	8.9	0.8
6.0	12 (max)	-0.3 to 0.0	40.6	45.6	2.8	0.8	8.6	1.6
8.5	14	-0.3 to 0.0	46.5	41.9	0.9	1.3	4.8	0.2
8.5	10 (max)	-0.4 to 0.0	51.1	39.9	0.7	1.2	6.8	0.3
8.0	8 (max)	-0.3 to 0.0	50.6	40.5	0.6	1.2	6.9	0.2
16.0	4	-0.3 to 0.0	71.2	24.1	1.3	1.5	1.7	0.2
18.0	<15	-0.3 to 0.0	94.9	0.1	0.1	Trace	4.7	0.2
17.8	3 (max)	-0.3 to 0.0	85.3	5.9	0.6	2.0	3.3	1.0

Thermal Conductivity 1000 °F	Erosion Loss	Permanent Linear Change After 1500 °F	Chemical Analysis					
			Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO/ MgO	Alkalies
5.6	--	-0.3 to 0.0	54.8	36.2	0.7	--	8.0	0.3
6.0	13 (max)	-0.3 to 0.0	48.8	38.1	1.7	1.1	9.6	0.7
8.4	14 (max)	-0.3 to 0.0	46.4	39.9	1.1	1.3	11.1	0.2
14.4	8 (max)	-0.4 to 0.0	73.1	22.0	1.4	1.6	1.7	0.2
16.5	--	-0.3 to 0.0	94.9	0.1	0.1	Trace	4.7	0.2

Thermal Conductivity 1000 °F	Erosion Loss	Permanent Linear Change After 1500 °F	Chemical Analysis					
			Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO/ MgO	Alkalies
8.0	<8.0	-0.1 to -0.3%	55.6	36.7	0.7	1.0	5.7	0.3
14.0	3.4	-0.4 to 0.0	73.6	12.9	1.0	--	4.8	0.1

MAINTENANCE REFRACTORY PRODUCTS

Rescobond AA-22S BrushMix

RESCOBOND AA-22 BRUSH MIX is a material that coating is ideal for strengthening existing refractory lining surfaces. It can be applied up to 1/4" thick providing increased refractory protection without a great loss of volume to your unit. RESCOBOND AA-22 BRUSH MIX is supplied wet or dry.

22 Caulk

22 CAULK is ideal for filling joints and cracks in refractory linings. Job site mixing is not needed. Just snip-off the tip of the ready-to-use caulking tube and apply the moist material using a hand or air powered caulking gun. Heat loss through joints and cracks will be reduced. Fine particles will not accumulate in those openings, preventing further damage to the lining. The surface of 22 CAULK will harden when exposed to air.

Extreme Service Castables

Rescicast 17EMC

RESCOCAST 17EMC is a thermal shock resistant castable with low thermal conductivity and moderate abrasion resistance.

Rescicast 110EZ

RESCOCAST 110EZ is a casting grade refractory that combines strength and abrasion resistant qualities with low thermal conductivity. It is the product of choice when performance and insulation is desired in a single product.

Rescicast 110C

RESCOCAST 110C is a vibration casting grade refractory that combines strength and abrasion resistant qualities with low thermal conductivity. RESCOCAST 110C is the product of choice when both performance and insulation is desired in a single product.

Rescobond 17HP

RESCOBOND 17HP is a chemically-bonded, air-setting, single component refractory formulated to be handpacked in catalyst transfer line field joints, cones, nozzles, and other tight area applications in oil refineries. This product bonds to existing refractory and can be used to patch in-situ transfer lines, etc.

Rescicast 17EC

RESCOCAST 17EC is a casting grade refractory that has been vibrated in U-Bends, YSections, overhead lines, and other catalyst transfer lines throughout the world.

Rescicast 88VC

RESCOCAST 88VC is a Abrasion-Resistant, High Strength Castable formulated for cast applications in oil refineries .

R-Max C

R-MAX C is a Abrasion-Resistant, Low Cement 70% Alumina Castable. This castable should be installed by vibration casting only; specifically form vibration.

Rescicast 17AC

RESCOCAST 17AC is a high temperature, high purity alumina conventional castable with only trace amounts of silica and iron oxide. The high purity of this castable makes it an ideal choice for reducing atmospheres containing hydrogen and/or carbon monoxide.

R-Max MP

R-Max MP is a high performance castable designed to provide maximum abrasion resistance and superior ease of installation. The product's zero-slump and soft "easy to install" texture results in high handpack installation rates.

Rescicast 17EMG

RESCOCAST 17EMG gunning grade refractory is for gunite applications only and has a quick set time once water is added at the nozzle. It is less sensitive to lower installation temperatures and can usually be applied directly to the wall without aging?.

Rescicast 110G

RESCOCAST 110G is a unique gunning grade refractory that has been formulated to have high strength and abrasion resistance with relatively low thermal conductivity. RESCOCAST 110G is the gun mix of choice when high performance and insulating value are desired in a single gun mix.

Rescicast 17EG

RESCOCAST 17EG is an erosion resistant gunning mix refractory that has been formulated to have improved gunning characteristics and excellent physical properties.

R-Max G

R-MAX G is a 3200°F high performance gunning mix designed to provide maximum abrasion resistance and excellent strengths throughout all operating temperatures.

Rescicast 17AG

RESCOCAST 17AG is a high temperature, high purity alumina conventional gunning mix with only trace amounts of silica and iron oxide. The high purity of this gunning mix makes it an ideal choice for reducing atmospheres containing hydrogen and/or carbon monoxide.

Rescicast 88HP

RESCOCAST 88HP is an erosion resistant refractory designed for handpacking application. When tested, RESCOCAST 88HP will meet rigid field specifications and is the best product for ease of mixing and placement.

Rescobond AA-22S

Rescobond AA-22S is a chemically bonded, erosion resistant, single component refractory material used primarily in thin lining applications to protect against severe abrasion. To prepare for use, blend Rescobond AA-22S with water. Rescobond AA-22S is an air setting material. It can also be used to patch other refractory linings.

Rescicast 17EMC

Rescicast 110EZ

Rescicast 110C

Rescobond 17HP

Rescicast 17EC

Rescicast 88VC

R-Max C

Rescicast 17AC

R-Max MP

Rescicast 17EMG

Rescicast 110G

Rescicast 17EG

R-Max G

Rescicast 17AG

Rescicast 88HP

Rescobond AA-22S

AA-22S Brushmix

22 Caulk



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