



Calcium Carbonate



Special formulation designed for restoration of soft stone and marble surfaces. It is an inert pure white material with homogeneous grain size and rounded morphology. Specified through conservators for marble cleaning of monuments and buildings. Laboratory and worksite testing proved Carbonate to be one of the most effective and least invasive materials for cleaning stone, brick, marble and virtually any delicate surface.

Mesh	Historical Preservation Applications	Surfaces	Hardness, Mohs	Shape	Hazardous	Benefits
Z-5	Restoration, chewing gum removal, lime scale removal, preservation of buildings, monuments, and fountains	Stone, marble	Soft, 2-3	Angular	No	<ul style="list-style-type: none"> • Good on delicate surfaces • Safe around foliage • Eco-friendly
Z-6	Restoration, cleaning, lime scale removal, preservation of buildings, monuments, and fountains	Raw marble, copper, travertine, brass, limestone				

Surface	Mesh Size	Pressure Setting on Machine Gauge	IBIX Systems Total Amount of sq. ft. Performance per hour			
			I9	I25	I40	I60
Removal of chewing gum from stone	Z5 (+ water)	7-8 (100-120)	75-100	120-145	240-265	480-500
Raw/Polished Marble	Z6 (+ water)	6-7 (90-100)	55-80	150-175	300-325	600-625
Cleaning Copper	Z6 (+ water)	2-6 (30-90)	15-30	50-75	100-125	200-225
Tavertine	Z6 (+ water)	6 (90)	65-90	170-195	340-365	680-700
Cleaning Brass	Z6 (+ water)	6 (90)	30-55	120-145	240-265	480-500



Sodium Bicarbonate



Sodium bicarbonate, also known as baking soda, is completely non-toxic and non-hazardous (per EPA and OSHA regulations). It is also approved by the USDA as an A-1 Cleaner for use in food processing or FDA regulated facilities. This Hydroflex product is environmentally safe and can be used on most surfaces without damaging them.

Mesh	Remediation Applications	Surfaces	Hardness, Mohs	Shape	Hazardous	Benefits
ASXL (270 microns)	Removal of graffiti, removing barnacles, cleaning, polishing, mold and soot removal, cleaning in the food processing industry	Glass, slate, mold cleaning, polished marble, copper, teak, chrome, boat hulls, pools, cars, tile	Soft, 2-3	Angular	No, but needs to be flushed	<ul style="list-style-type: none"> Leaves no residue Eco-friendly

Surface	Mesh Size	Pressure Setting on Machine Gauge	IBIX Systems Total Amount of sq. ft. Performance per hour			
			I9	I25	I40	I60
		Bars (PSI)				
Glass	270 microns	3 max. (44)	15-30	50-75	100-125	200-225
Slate	270 microns	4-6 (60-90)	20-45	50-75	100-125	200-225
Mold Cleaning	270 microns	3-4 (45-60)	55-80	150-175	300-325	600-625
Polished Marble	270 microns	5-6 (70-90)	30-55	100-125	200-225	400-425
Copper	270 microns	4-7 (60-100)	15-30	50-75	100-125	200-225
Teak	270 microns	5-7 (70-100)	20-45	100-125	200-225	400-425
Chrome Parts	270 microns	5 (70)	15-30	60-85	120-145	240-265
Boat Hulls	270 microns	3 max. (45)	15-30	60-85	120-145	240-265
Tubular Elements (dinghies, pontoons)	270 microns	4 (60)	10-20	30-45	60-85	120-145



Garnet



GMA Garnet is a cost-effective, high-performance, environmentally friendly abrasive. The perfect symbiosis of grain size, density and hardness/durability creates the optimum abrasive efficiency and lowest abrasive consumption. It can be recycled 5 times without losing its superior ability. Low dusting improves health and safety for the operator and the environment.

Mesh	Plant, Building, and Marine Maintenance Applications	Surfaces	Hardness, Mohs	Shape	Hazardous	Benefits
30/60	Rust and paint removal	Painted or rusted iron	Hard, 7-8	Angular	No	<ul style="list-style-type: none"> • Recyclable • Leaves no residue • Low dust factor • High working speed • Chloride and Silica free • Eco-friendly
80	Paint and coating removal, mill scale removal	Hardwood (walnut, cherry), exposed brick, steel				
120	Restoration and maintenance of buildings	Softwood, hard stones, exposed brick, aged wood				
200	Graffiti removal, mold and soot removal, restoration and maintenance of antiques and furniture	Plastic, masonry, softwood, aged wood, satin glass				

Surface	Mesh Size	Pressure Setting on Machine Gauge	IBIX Systems Total Amount of sq. ft. Performance per hour			
			19	125	140	160
Rough Granite	20-40	8 (120)	5-10	15-30	30-45	60-85
Painted/Rusted Iron	30/60-80	7-8 (100-120)	20-55	100-125	200-225	400-425
Removal of Vegetation and Barnacles	80	7-8 (100-120)	40-65	125-150	250-275	500-525
Hardwood (walnut, cherry)	80	7-8 (100-120)	40-65	150-175	300-325	600-625



Garnet (Continued)

Surface	Mesh Size	Pressure Setting on Machine Gauge	IBIX Systems Total Amount of sq. ft. Performance per hour			
			I9	I25	I40	I60
Mill Scale Removal	80	7-8 (100-120)	10-30	35-60	70-95	140-165
Exposed Brick	80-120	4-5 (60-70)	50-75	105-225	210-235	420-445
Satin Glass	80-200	2 max. (30)	5-10	15-30	30-45	60-85
Hard Stones	120	7-8 (100-120)	85-105	200-225	400-425	800-825
Softwood	120-200	4 (60)	15-30	85-105	170-195	340-365
Aged Wood	120-200	6-8 (90-120)	40-65	60-85	120-145	240-265
Plastic	200	4 (60)	30-45	90-115	180-205	360-385
Removal of weeds (chrome)	200	7-8 (100-120)	20-30	75-100	150-175	300-325
Erasing Graffiti on Masonry & Plastic	200-350	4 (60)	20-45	85-105	170-195	340-365



Crushed Glass



This abrasive media, made from 100% recycled glass, is suitable for both wet and dry blasting and can be used on a wide variety of surfaces.

Mesh	Plant and Building Maintenance Applications	Surfaces	Hardness, Mohs	Shape	Hazardous	Benefits
40/70	Restoration, gum removal, mill scale removal, cleaning	Slate, polished or raw marble, stone, copper, brass, hardwood, painted or rusted iron, brick, granite, chrome, concrete, pipelines, railcars	Medium, 5-6	Angular	No	<ul style="list-style-type: none"> Wet and dry blasting Whiter, cleaner finish
70/100	Paint removal, graffiti removal, rust removal	Aluminum, satin glass, plastics, masonry, softwood, aged wood, chrome, concrete, pipelines, railcars				

Surface	Mesh Size	Pressure Setting on Machine Gauge	IBIX Systems Total Amount of sq. ft. Performance per hour			
		Bars (PSI)	I9	I25	I40	I60
Slate	40/70	4-6 (60-90)	20-45	80-105	160-186	320-345
Polished Marble	40/70	5-6 (70-90)	30-55	100-125	200-225	400-425
Raw Marble	40/70	6-7 (90-100)	55-80	150-175	300-325	600-625
Stone, Hard Stones	40/70	7-8 (100-120)	85-105	120-145	240-265	480-500
Copper	40/70	2-6 (30-90)	15-30	50-75	100-125	200-225
Brass	40/70	6 (90)	30-55	120-145	240-265	480-500
Hardwood (walnut, cherry)	40/70	7-8 (100-120)	40-65	150-175	300-325	600-625



Crushed Glass (*Continued*)

Surface	Mesh Size	Pressure Setting on Machine Gauge	IBIX Systems Total Amount of sq. ft. Performance per hour			
			I9	I25	I40	I60
		Bars (PSI)				
Painted/Rusted Iron	40/70	7-8 (100-120)	20-55	100-125	200-225	400-425
Mill Scale Removal	40/70	7-8 (100-120)	15-30	35-60	70-95	140-165
Exposed Brick	40/70	4-5 (60-70)	50-75	200-225	400-425	800-825
Rough Granite	40/70	8 (120)	5-10	15-30	30-45	60-80
Removal of non weeds (chrome)	40/70	5 (70)	15-30	30-55	60-85	120-145
Removal of Vegetation and Barnacles	40/70	7-8 (100-120)	40-65	125-150	250-275	300-325
Aluminum/Satin Glass	70/100	2 max. (30)	5-10	15-30	30-50	60-85
Erasing Graffiti on Masonry & Plastic	70/100	4 (60)	30-45	90-115	180-205	360-385
Softwood	70/100	4 (60)	40-65	150-175	300-325	600-625
Aged Wood	70/100	6-8 (90-120)	40-65	65-85	130-155	260-285
Removal of weeds (chrome)	70/100	7-8 (100-120)	20-30	75-100	150-175	300-325



Walnut Shell



Ground walnuts shells are a type of abrasive blast media used for cleaning. The walnut shells are ground to various sizes from coarse to extra fine depending on the application. The walnut shells are used in the same manner as typical blast media. Walnut shells are durable and can be re-used in many applications. Walnut shells can remove matter from surfaces without scratching or pitting underlying material.

Mesh	Delicate Applications	Surfaces	Hardness, Mohs	Shape	Hazardous	Benefits
35/60	General cleaning and restoration	Aluminum, sheet metal, antiques, furniture, engine parts	Soft, 3-4	Angular	No	<ul style="list-style-type: none"> • Recyclable • Doesn't scratch underlying material • No warping of surfaces • Eco-friendly

Surface	Mesh Size	Pressure Setting on Machine Gauge	IBIX Systems Total Amount of sq. ft. Performance per hour			
			I9	I25	I40	I60
Engine Parts	35/60	2-3	15-30	30-55	60-85	120-145
Wood, Teak, Furniture, Antiques	35/60	2-3	15-30	30-55	60-85	120-145