



ProFinish™ Olivene



Product Description and Technical Data:

ProFinish™ Olivene is non-hazardous, non-toxic and chemically inert; so it is safe for open blasting use, and for use around water. Being virtually silica free (less than 1%) and heavy metals free, it is an environmentally safe alternative to silica sand and other expendable abrasives such as slags.

Olivene rock deposits are usually harder than surrounding rock and stands out as distinct ridges in the terrain. These ridges are often dry with little soil. Such deposits are mined, and material is subsequently crushed, screened and further processed to produce ProFinish™ Olivene. The sub-angular shape enables rapid cleaning and low abrasive consumption. It offers an excellent cost/performance ratio especially when used in conjunction with an abrasive recycling system, as the material can be recycled 3-4 times prior to disposal.

ProFinish™ Olivene is available in several sizes to suit a myriad of blasting applications. Ultra-fine sizes may be used for non-ferrous blasting or ferrous applications requiring a lower surface profile. Larger grain sizes may be used with new steel to produce 76-102 microns profile, and up to 102-127 microns profile for heavily painted or rusted steel with deep cavities.

The abrasive material is classified as SSPC Grade 4 for surface profile (76 to 127 microns) and Class A for crystalline silica content (less than 1.0%). It also meets US NAVY requirements for ship hull blast cleaning under MIL-A-22262b (SH) and low dust emission requirements for California Air Resource Board (California Code of Regulation, Title 17, Section 92530).



Olivene



Environmentally Safe

Virtually silica free (< 1%) and heavy metals free



Non-Hazardous & Non-Toxic

Safe for open blasting use and around water



Recyclable

Can be recycled 3-4 times prior to disposal

ProFinish™ Abrasive Properties:

Shape	Angular Free-Flowing Grit
Hardness (Moh Scale)	7.0 - 7.5
Bulk Density (kg/m³)	1250 - 1314
Particle S.G.	2.72 - 2.94
Colour	Brown
Conductivity (ms/m)	< 25
Chloride	0.016%
TENORM (< 1Bq/g)	0.0666
Radioactivity (< 0.25 uSv/hr)	Undetected
Size Standard	ASTM



ProFinish™ Typical Chemical Composition:

Magnesium Oxide MgO %	38 - 42
Silicon Dioxide SiO ₂ (*) %	39 - 47
Iron Oxide Fe ₂ O ₃ %	7 - 10
Aluminium Oxide Al ₂ O ₃ %	0.3 - 1.3
Calcium Oxide CaO %	0.8 - 1.0
Others	1 - 2

(*) In silicate form with less than 1% free silica

ProFinish™ Available Sizes:

Grade	PA1	PA2	PA2.5	PA3
Microns	1000 -3000	400-1200	300-1000	200-500
Inch	0.039 - 0.118	0.016 - 0.047	0.012 - 0.039	0.008 - 0.020

ProFinish™ Packaging:

25kg Bags or 1360kg Bulk Bags	1.4 Tonnes Pallet (56 x 25kg Bags), Bulk Bag
-------------------------------	--

ProFinish™ Ordering Information:

Stock Code	AOT-PROXXX-YY
Key	XXX – Code for Olivene Grade YY – Packing BA for Loose 25kg Bags CP for 1360kg Bulk Bags Blank for 1.4 Tonnes Pallet (56 x 25kg Bags)

