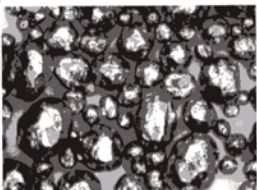


Value-added provider

Shot and grit-blasting have traditionally been underestimated processes. However when they are not done properly, they can immediately turn into costly procedures. Poor surface treatment shortens the life-span of coating, good quality abrasives can be wasted, and moreover the blasted profile may not pass the quality control tests.



Which is why the staff at Wheelabrator Allevard work hand in hand with customers to highlight that shot and grit-blasting can be turned into a real value creation step for surface performance enhancement.

The company package involves the best quality abrasives adapted to customer needs and a customised approach with technical service available worldwide covering on-site solutions, test-centre solutions and e-solutions with training designed exclusively for different needs and different applications.

Premium steel abrasives

High performance blasting media is designed and developed to offer effective and innovative product solutions for meeting new material and surface requirements. The *premium steel abrasive* range is the outcome of the company's expertise and continuous innovation.

The range includes the following:

Profilium: Specifically designed for air blasting surface preparation, Profilium provides improved and accelerated surface cleanliness while ensuring improved coating adhesion and optimum paint consumption through better surface profile quality. It is also cost-efficient - through its higher productivity, it enables a significant reduction in the overall blasting process costs. It has been tested by global blue-chip companies in the marine industry and documented to perform well above expected levels in terms of blast efficiency, surface roughness and paint consumption.

ProWheelium: A premium product for wheel blasting, ProWheelium is specially developed for surface preparation before coating, painting, enameling and metalising where sharp surface profiles are required. It is a high performance alternative to hard steel grit used in the wheel blasting operation. It has the advantage of better profile consistency, and 30% less abrasive consumption and 20% less blasting machine wear have also been recorded by customers.

HPG: High performance grit is specially designed to improve shot blasting performance in foundry applications. It works faster and longer with an unrivalled capacity for removing contaminants achieving brighter aspects. Compared to high carbon steel, HPG enables a 10-20% increase in desanding efficiency. The users of HPG enjoy a considerable reduction in terms of blasting

cycle time, abrasive flow and throwing speed, all which have an additional effect on consumption and process cost (energy, wear parts etc.)

Stainium: Stainium is developed for providing optimum performance in descaling stainless steel sheets prior to acid pickling replacing efficiently S110 or S170 fine shot commonly used in such applications. It is not only dedicated for blasting stainless steel coils, but also steel wires and bars.

Stelux: The newest member of premium family, Stelux is developed for the surface cleaning, preparation and finishing of non-ferrous metals, stainless steel castings and forgings as well as granite and marble. Stelux offers a truly ecological alternative to other surface treatment solutions such as garnet and corundum blasting which generate much more waste and dust emissions since it is fully recyclable and respects the most stringent health and safety regulations.

Walue service offer: leading unit for expertise

The company's cutting edge technical assistance is developed and improved every day by its Walue Team through continuous innovations, and is available worldwide with constant quality to ensure that each customer receives optimum care and attention regardless of their geographical location, application or size. The walue service offer is built on seven steps - on-site technical expertise, trial at the test centre, cost reduction offer, trial launch, training operators, monthly check-up and follow-up, and balance sheet of the trial.

One of the latest support materials developed is customer exclusive animations to show the key principles of efficient blasting operation within a few seconds. One picture is better than a thousand words and a video is better than a thousand pictures.

Thanks to these videos, customers master the principles of blasting and have a chance to see the consequences of different settings and parameters in only a few minutes.

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