SiaAir Discs – 500 Grit
Technical Datasheet



Product Description

SiaAir sanding disc's are a unique multifunctional sanding material developed for the flexible sanding of both smooth and profiled surfaces.

Box of 10 x 500Grit 150mm discs.

SiaAir creates a smooth sanding pattern on angled surfaces and edges, while minimising the risk of pressure marks. SiaAir is especially suitable for use in the aerospace, automotive and marine industries – where a fine, quality finish is a key part of preparing for the next step of a finishing procedure. The flexible weave allows water and air to pass freely, making the product suitable for both dry and wet sanding, either by machine or hand. SiaAir is also suitable for the finishing and pre-polishing of aluminium, gelcoat, SMC, glass reinforced plastic (GRP), lacquers, etc.

Finer grits are suitable for smoothing of primers and bottom lacquers, preparation of surfaces between blending, sanding of pot marked surfaces and preparation of the top coat before polishing.

When polishing metals and aluminium, we recommend using our Kangaroo lubricating oil to extend the life of the sanding pads by as mush as 10 times.

SiaAir pads works exceptionally well when used in conjunction with Nuvite's NuShine II metal polishes. It can be used for heavy, moderate a light oxidation removal of metal surfaces as well as preparing/conditioning brand-new metal surfaces for polishing.

Below are some examples of how SiaAir can be used as in processes involving NuShine II (NSII):

For light oxidation removal on aircraft aluminium 'in situ' prior to polishing to a mirror finish:

SiaAir 2000 > NSII grade F7 > NSII grade C > NSII grade S

For moderate oxidation removal on aircraft aluminium 'in situ' prior to polishing to a mirror finish:

SiaAir 1000 > SiaAir 2000 > NSII grade F7 > NSII grade C > NSII grade S

For preparation of new aluminium (including clad) prior to polishing to a mirror finish:

SiaAir 500 > SiaAir 1000 > SiaAir 2000 > NSII grade F7 > NSII grade S

For heavy oxidation/pitting removal on an Airstream caravan/trailer prior to polishing to a mirror finish:

SiaAir 360 > SiaAir 500 > SiaAir 1000 > SiaAir 2000 > NSII grade F7 > NSII grade S

The best process combining the use of SiaAir and Nuvite's NuShine II for your particular application will depend on a number of factors, including the age of the aluminium you are polishing/restoring/repairing, previous maintenance undertaken, the man-hours and equipment available to you, the experience of the users' involved etc.

Box of 10 discs, diameter of 150mm.

Commodity Code: 68052090

SKU: FA-5163-3687-0500

Features

- Grain: Aluminium Oxide.
- Bonding: Special Resin.
- Backing: Knitted fabric on foam.
- Preparation of new aluminium (such as leading-edges) prior to polishing, helping to significantly reduce the amount of compounding required.
- Removing oxidation from moderate to heavily oxidised aluminium surfaces prior to polishing.
- Removal of scratches from aluminium and painted surfaces.

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