



EMI-SHIELD **COATING ADDITIVES**

www.aerofen.com



Aerofen EMI-Shield Coating Additives

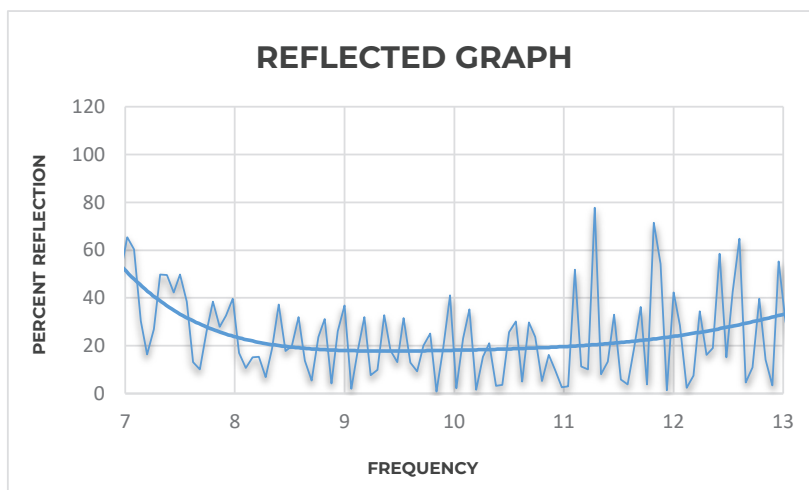
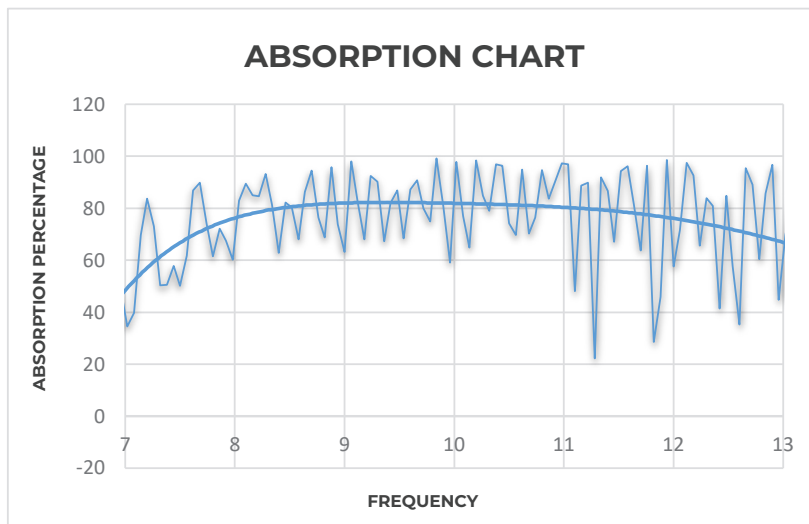
Electromagnetic Interference (EMI) shielding is a process that allows you to protect sensitive parts from potential issues that could arise due to close proximity to electromagnetic fields.

EMI can disrupt all manner of devices, navigational equipment, tablet and computers, medical equipment, cellphones and military equipment .

Emi-Shield Coating Additives To Prevent Electromagnetic Waves

Aerofen electrically conductive additives provide critical EMI shielding in aircraft and airframe components, as well as in plastic and composite enclosures of electronic assemblies. Choose from a variety of electrically conductive filler and binder configurations, each designed for durable, reliable and high-performance EMI shielding in a variety of applications.

Our versatile EMI shielding paint and coating additives are suitable for use in a wide variety of applications, with many options to choose from. Aerofen products offer wide-band absorption and up to 99% absorption at certain frequencies.



Benefits of Aerofen EMI-Shield Coatings Additives

- Provides effective EMI shielding
- Easy to use,
- Solvent based system
- Available in liquid or aerosol
- Smooth, durable, and abrasion resistant
- Strong adhesion to most plastics



PRODUCT DESCRIPTION

AEROFEN EMI-SHIELD ASI300, By its special additive composition, it is a graphene filled, electrically conductive additive. It shows excellent results in wide band radar absorption by doping into a certain amount of paint or polymer. It is an easily applicable. It is non-toxic and environmentally friendly.

GENERAL FEATURES

- Easy to use
- Easily mixable additive
- Environmentally friendly
- One component
- Ready to use in paint or polymer
- Wide band or specific frequency absorption

(Please note: These stated results are measured under laboratory conditions. Results may vary in other situations)

INTENDED USES

For use at a wide variety of substrates such as metals, composites, ceramics and many plastics.

AEROFEN EMI-SHIELD AS1300





PRODUCT INFORMATION

Additive Color: May differ depending on the additive material.

Finish/Sheen: The finish appearance depends on the matrix. It can be glossy, matte or semi-matt.

Method of Application: First, Care must be taken to ensure the concentrate is thoroughly mixed to ensure that all the solids are in suspension. It may vary depending on the mixing properties of the matrix in which the additive will be used. If more than one component is to be used, ensure that the additive is thoroughly mixed in the starting component. Apply the curing times of the matrix. Additive material may settle out and regular agitation is recommended during application. The coating is ready to use.

Packing Size: Available in various sizes and units to accommodate customer's needs.

Note: May be overcoated by self, either when fresh or after prolonged immersion provided surface is in good, clean condition.

SURFACE PREPARATIONS

All contaminants including mould release, grease and dirt must be removed. Mask areas that do not require coating. A suitable primer may be necessary on certain substrates such as Polyethylene and Polypropylene, etc.

STORAGE

Storage conditions are to keep the containers in a dry, cool, well ventilated area and away from source of heat and ignition. Containers must be kept tightly closed. The original coating properties will be restored by sufficient agitation prior to use.

HEALTH AND SAFETY

Protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. Do not spray on an open flame or any incandescent material. Keep away from sources of ignition - No Smoking (S16)

Use Under Well Ventilated Conditions: Do not breath vapour (S23). Harmful by inhalation (R20). In case of insufficient ventilation - wear suitable respiratory equipment (S38), such devices must be used in accordance with the manufacturer's instructions. For excessive vapour inhalation, remove to fresh air and summon medical attention.

Avoid Contact With Skin And Eyes (S24/25) - In case of skin contact, wash with soap and water, dry and apply work cream. Eye contact - flush with water for at least 15 minutes and seek medical attention. If accidentally swallowed, summon medical attention.

AEROFEN

**YOU CAN CONTACT US
FOR ALL YOUR QUESTIONS**

Sanayi Mah. Teknopark Bul.
7A-8A Blok No:1/7A İç Kapı: 7B01
Pendik - İstanbul

0216 208 44 22

www.aerofen.com

AEROFEN