

GECKOARC

FAN HOUSING AND IMPELLOR COATING AND REFURBISHMENT

The use of air to transport small particle product can lead to erosion of impellers with the resulting loss in efficiency. Application of the GARC epoxy ceramic composite system to fans and housings can reduce the erosion loss resulting in extended life time.

The GARC system can be used on new build and for repairs to used equipment. Abrasive blasting followed by application of GARC LC coating at the required thickness for the service. Knowledge of particle velocity, hardness and angularity will guide the thickness selection



For more arduous conditions alumina ceramic tiles can be bonded to the fans and housings to enhance the service life of components. The use of high shear strength epoxy structural adhesives ensures the small tiles (10 x 10 x 2 to 4 mm) are securely attached to the equipment.

For high temperature applications speciality adhesives are available for bonding the alumina tiles.

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