



High Performance Coating Solutions

Graphene - Boron - Polymers - Chemical agents

Case History

Rev.004



The founder of Marigi company Giorgio Zurviello, was born in 1973 in Monza, Italy. Living next to the international circuit of Monza and in contact with the world of Formula 1 and racing motorcycles, he is passionate about engines and everything that has performance at the highest levels. After the age of study, Giorgio follows the physics material resource in the field of high performance materials and in the last 20 years has developed various new polymers and coatings that can be used in extreme conditions. In 2014 he started the resource for develop a special coating able to change and move the thermal energy for Racing applications and in 2015 he founded the company Marigi. The main objective of the founder is to allow its customers to improve their application performance by creating a strong working group and a serious and reliable relationship over time. Until today Marigi has been able to develop many new applications improving the performance of the devices obtaining better results for its customers.



GOOD PRODUCT REACH MAXIMUM PERFORMANCE IN EACH COMPONENT

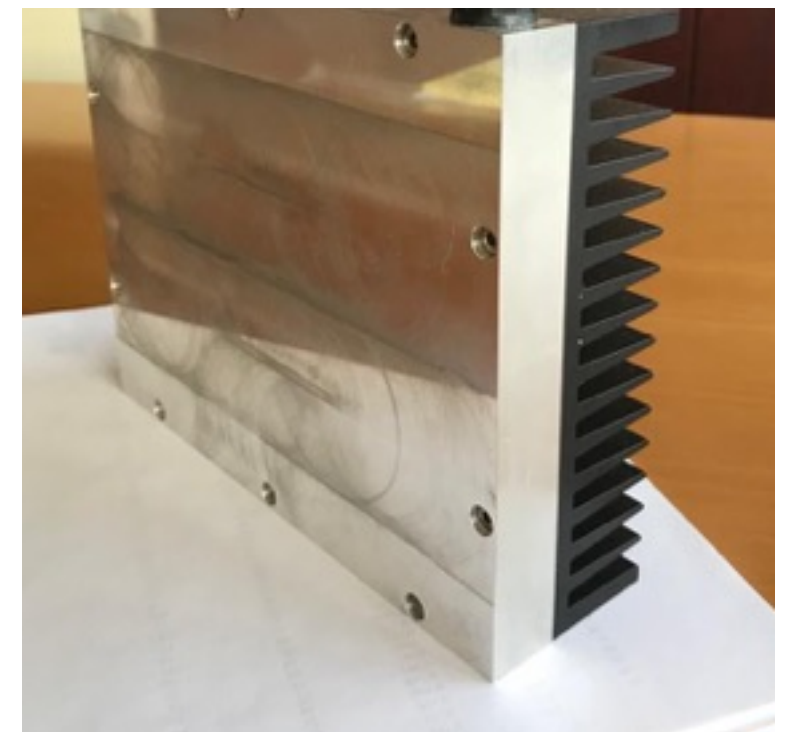
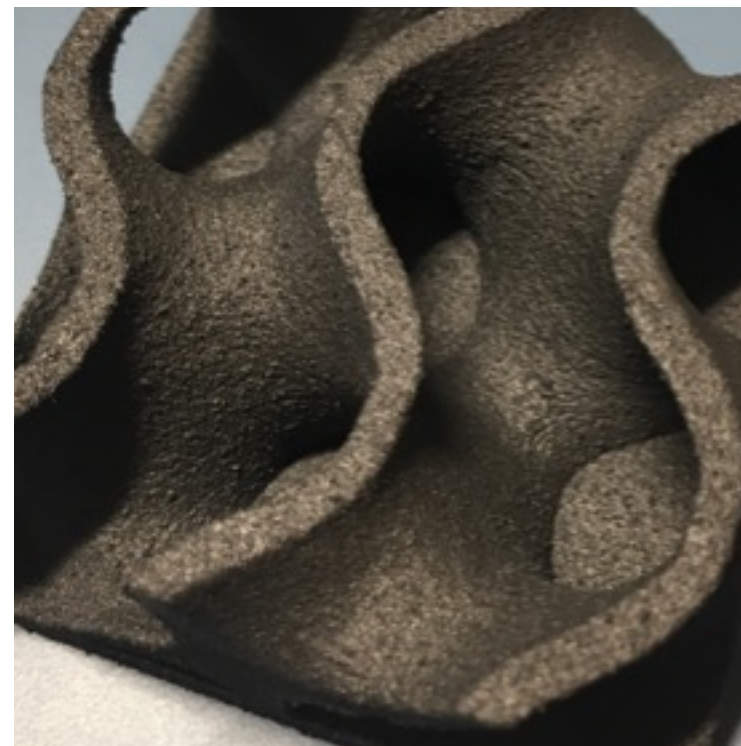
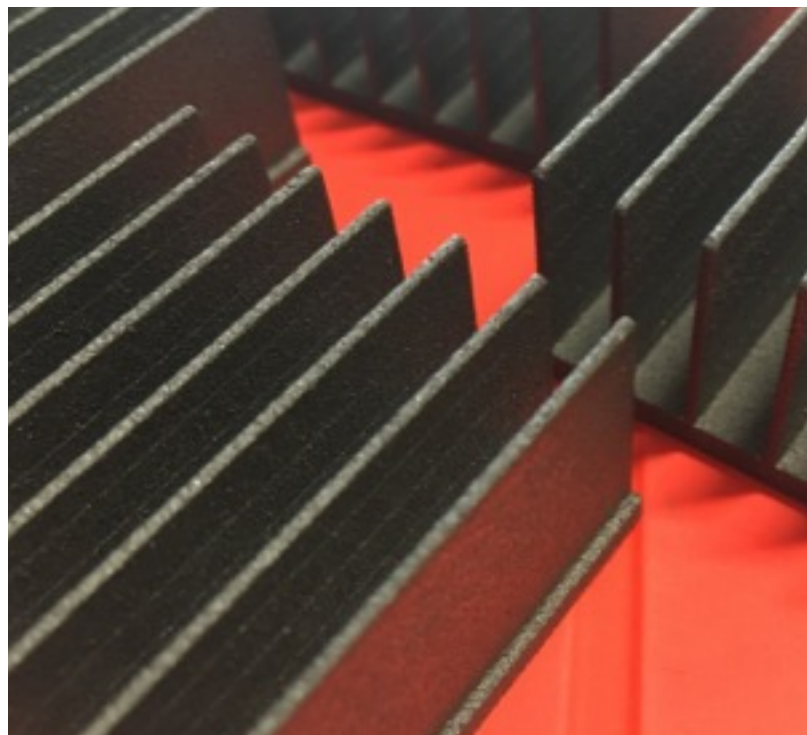


Marigi Rixon-003 coating was successfully applied on brake discs Superbike World Championship bikes saving about 170-200°C. This gain was really appreciated from drivers and team managers.



Marigi Rixon-003 coating was successfully applied on racing cars brake discs saving about 150-200°C.

Marigi Rixon-003 coating was successfully applied on electronics MIL heating exchanger devices saving about 10-30°C in static application.



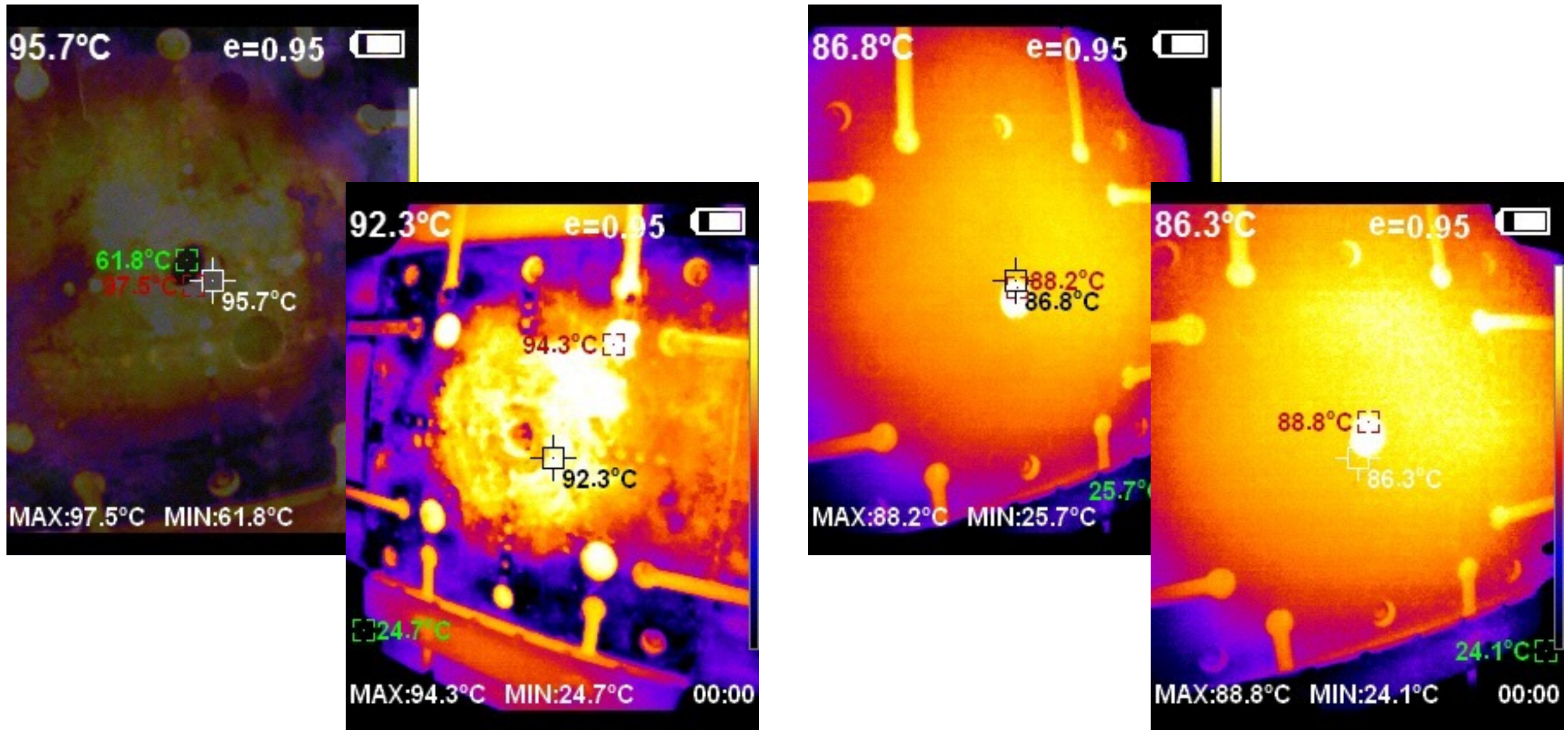
Marigi Rixon-003 coating was successfully applied on MBK Downhill bikes brake discs saving about 160-200°C.



Marigi Rixon-003 coating was successfully applied on ultralight aircraft intercooler, oil and water heating exchanger saving from 25 to 50°C.

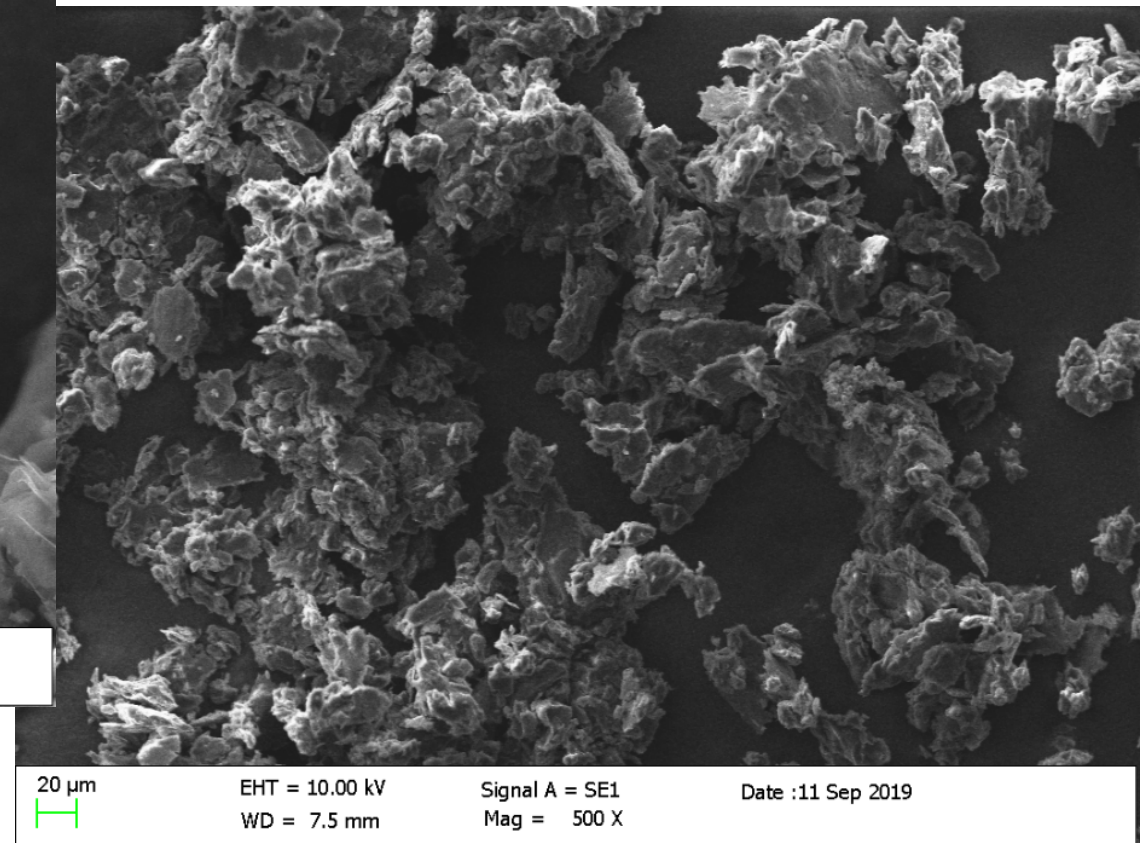
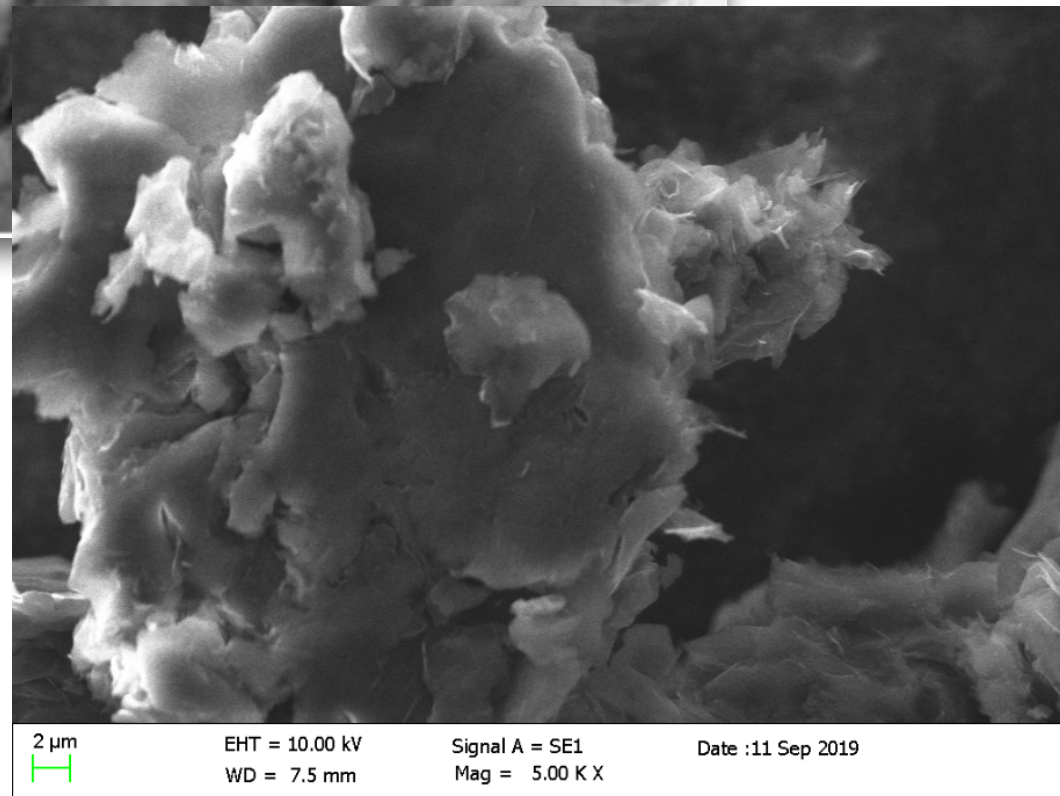
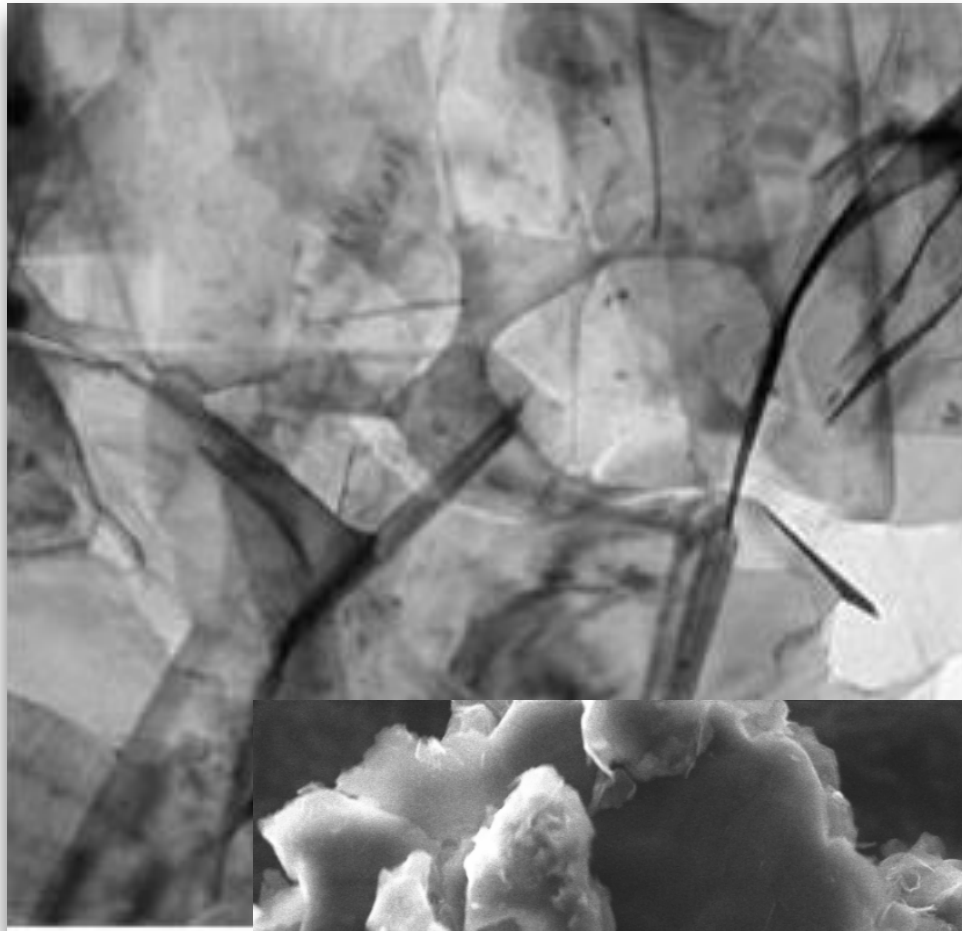


Marigi Rixon-003 coating was successfully applied on industrial moulding press frame giving a uniformity of temperatures of $\pm 1,5^{\circ}\text{C}$ on 600mm.square metal plate.



Thermal image give us the correct idea of temperatures uniformity

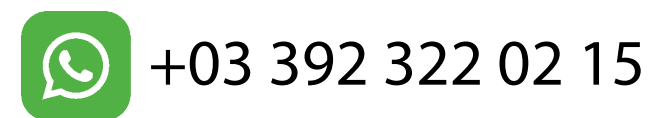
Marigi Rixon Coating is a single coating of filler agglomerates based in a special resin and applied with spray system. Filler powders is a complex compound of nano metric particles providing improvement of physical thermal conductivity. Our products was successfully tested in different applications from temperature of -30 to 700°C.





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