

SHELL :

X



Production Since 1958

High performance water based coating for application in aluminium casting.

Jodovit **SHELL:X** is insulating or lubricant water based refractory coating for aluminium casting, for insulation of tools, shells, risers and casting channels.

SHELL:X coating is :

- suitable for low gravity casting, die casting of aluminium and also for other non-ferrous alloys, such as copper and zinc alloys.
- formulated to satisfy a wide range of applications and performances.

Best characteristics:

- durability
- insulation
- lubrication power

NAME	APPLICATION	SHELL TEMPERATURE	GRAIN SIZE AND SHAPE
SHELL:X	Standard coating for tools, high durability	180 - 200 °C	medium, lamellar
SHELL:X 11	High release effect between the shell and the casting	180 - 200 °C	fine, lamellar
SHELL:X 14	Casting runners insulation, high resistance, suitable for casting channels and risers' insulation	180 - 200 °C	medium, lamellar
SHELL:X 64	Good insulation capacity. Suitable for automotive sector, specially for wheels and propellers	180 - 200 °C	medium, granular
SHELL:X 64 HT	Medium insulation capacity. Suitable for automotive sector, specially for wheels and propellers	350 - 450 °C	medium, granular
SHELL:X 72	Semiconductive coating with high abrasion resistance, suitable for big series castings	180 - 200 °C	fine, lamellar
SHELL:X 78	Medium insulation capacity. Suitable for automotive sector, specially for wheels and propellers	180 - 200 °C	medium, granular
SHELL:X 174	Bottom insulating coating for all types of mould castings, high adhesion	350 - 450 °C	fine, granular
SHELL:X BN 99	Boron nitride based coating with high release effect between ceramic shell and the casting	50 - 150 °C	fine, lamellar
SHELL:X BN 33	Ceramic compound and boron nitride based coating with high release effect between ceramic shell and the casting	50 - 150 °C	fine, lamellar