

## • Die Paint for Gravity Die-casting.

Gravity and low-pressure die casting processes are used for producing quality non-ferrous alloy castings. These processes however are particularly complicated in case of light alloys (e.g. Aluminium) due to their greater tendency for gas pick-up, surface oxidation and higher heat dissipation. Castings will end up with shrinkage, misrun defects unless metal flow and heat losses are controlled well. Refractory die dressings play an important role in the production of sound castings. DIE PAINT range of products caters to all the technological needs of the die casting process.

PRODUCT	PROPERTY
DIE PAINT – 68	Max. Insulation
DIE PAINT – 280	Medium insulating and refractory
DIE PAINT – 72	Both Insulating and lubricating
DIE PAINT – 22	Lubricating

## • Die Paint for Pressure Die-casting.

Pressure die casting process is used to produce aluminium, Zinc castings of exceptional dimensional accuracy and metallurgical soundness. In this process, the molten metal is injected at a high velocity in to the die with the help of a plunger. Die dressings play a very important role in (1) Both physical and chemical protection of the die in addition to lubrication. (2) Ensuring smooth operation of the plunger. DIE-PAINT range of product offers suitable products for the same.

PRODUCT	APPLICATION AREA
DIE PAINT – 65	For thin walled aluminium castings
DIE PAINT – 66	For thick walled aluminium castings
DIE PAINT – 321	For excellent release of aluminium castings
DIE PAINT – 167	For Zinc castings
DIE PAINT – 158	For die face in case of Zinc and Aluminium Alloys
DIE PAINT – 95	For Cores and hot areas where release and welding are a problem
DIE PAINT – 333	Cores where release is a problem and on die-face to provide good casting finish.

**Manufactured by:**

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