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Product Name :

Straight Edge

Product Code :

SLE/CE/37



Science Lab
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Description :

Straight Edge (Product Code: SLE/CE/37) is a flat steel bar used to strike off excess materialand level the top when moulding concrete cube and cylinder specimens in civil engineering and concrete testing laboratories. Measuring 1 × 12 inches (2.5 × 30.4 cm), it is also used when conducting slump cone and air meter tests on fresh concrete. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Main use	Removing excess material when moulding cube and cylinder specimens
Also used for	Conducting slump cone and air meter tests
Construction	Flat bar made from steel
Size	1" × 12" (2.5 × 30.4 cm)
Product code	SLE/CE/37
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Concrete Straight Edge Used For?

Once a cube or cylinder mould has been filled and compacted, the surface must finish flush with the rim so the specimen has the correct height and a flat face. The straight edge is laid across the top of the mould and drawn over it with a gentle side-to-side sawing action, cutting away surplus concrete in one or two passes. The same bar is used to level off the measuring container in air meter tests and to tidy the top of the slump cone before it is lifted.

Keep the working edge clean and straight: store the bar flat, do not use it as a lever, and remove paste before it hardens. This short strike-off bar is meant for specimen moulds and small containers; for checking the regularity of road surfaces, a much longer straight edge is used instead. It is a low-cost but essential piece of engineering lab equipment for colleges and site laboratories.

OEM Manufacturer

Jain Scientific Equipments Private Limited operates under the brand ScienceLab and is the OEM (original equipment manufacturer) of this Straight Edge. The bar is made at the company's own licensed factory at Saha, Ambala, Haryana, and supplied factory-direct to engineering colleges, material testing laboratories, dealers and importers, so repeat orders come from the same source every time. Read about the company on the ScienceLab profile.

Related Civil Engineering Lab Equipment

The straight edge is used with these moulds and fresh concrete test sets:

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