

TECHNICAL DATA SHEET (ALIGN)



PRODUCT DESCRIPTION

Our Grating and frame are functional, attractive provides efficient drain of water. We manufacture different design of Premium gratings with frame for bathroom, toilet, kitchen, swimming pool, hotel, laboratory, etc.

MATERIAL USED

Brass.
Brass is an alloy made primarily of copper and zinc.

KEY FEATURES

- Easy to clean & resist odor and germs.
- Drain 75 litre/min.
- Easy to install.
- Manufactured using best technology.

DIMENSIONS

Sr. No.	Description	Color	Length (±0.5mm)	Width (±0.5mm)	Thickness (±0.05mm)	Frame Height (±0.5mm)
1	Frame	Bright Gold	200	200	1	4
	Grating		171	171	2	

Note – Also available in pipe cut with 42mm Dia.

PHYSICAL PROPERTIES

- Density g/cm³ : 8.5
- Hardness (HV5) : 148
- Safe Load Capacity (Kg) : 350

CHEMICAL PROPERTIES

- Bright Gold Appearance
- Not acid resistant.

CHEMICAL COMPOSITION

Chemical Composition	CAS No.	% Weight
■ Carbon	7440-44-0	0.0038
■ Zinc	7440-66-6	36.49
■ Iron	7439-89-6	0.034
■ Manganese	7439-96-5	0.0033
■ Phosphorus	7723-14-0	0.0014
■ Silicon	7440-21-3	0.003
■ Sulphur	7704-34-9	0.003
■ Nickel	7440-02-0	0.006
■ Lead	7439-92-1	0.02
■ Aluminium	7429-90-5	0.0045
■ Beryllium	7440-41-7	0.007
■ Copper	7440-50-8	63.40
■ Silver	7440-22-4	0.005
■ Bismuth	7440-69-9	0.0046
■ Tin	7440-31-5	0.0014
■ Antimony	7440-36-0	0.010
■ Arsenic	7440-38-2	0.003

STORAGE RECOMEDATION

Store in a cool well ventilated place in original packing.
Open packing while going to be used.

NOTE

- Product is in compliance with substance of Very High Concern (SVHC) i.e. ≤ 0.1 %w/w as per the candidate list promulgated by the European Chemicals Agency (ECHA) which are defined in Article 57 of REACH Regulation (EC1907/2006) checked by Tuv-Nord Group.