

# PRODUCT DATA SHEET ACMEFLO-2580 (CCD)

## High Alumina Water-based CCD Coating

### INTRODUCTION

**ACMEFLO-2580 (CCD)** is High Alumina water based refractory coating supplied in ready for use consistency for brushing / swabbing of moulds and cores used in heavy Iron & steel foundries. For flow or dip application coating needs to be diluted to  $75 \pm 5$  Be. with about 10% water. It is incorporated with special indicator which exhibit colour change on drying depending upon the sand binder system used. It's also being high solids exhibits relatively faster drying characteristics.

### PROPERTIES

Sr No	Description	Furan / Acid Set Phenolics	Alpha Set / Ester cured alkaline Phenolics
1	Colour as Supplied	Violet	Pink
2	Appearance	Thick Creamy Liquid	Thick Creamy Liquid
3	Baume	$90 \pm 10$ units	$90 \pm 10$ units
4	Density	$2.20 \pm 0.05$ g/cc	$2.20 \pm 0.05$ g/cc
5	Colour Change on drying	Violet to Yellow	Pink to Faint Yellow

### APPLICATION DETAILS

- Remix Acmeфло-2580 to homogenize the content.
- Dilute to  $75 \pm 5$  Be. for flow or dip application with good quality soft water to suit the application consistency.
- Allow the coating to air dry for 2 to 4 hrs. The dryness will be associated with colour change as indicated in above table. For ensuring complete drying mild torching or ovening or hot air drying is recommended before closing the moulds.

### ADVANTAGES

- Ensure uniform coating coverage due to excellent flow and leveling properties
- Offers ease of mixing due to superior suspension properties.
- Results in improved casting surface finish with reduced fettling time and cost leading to improved productivity
- Reduce possible surface defects such as gas & inclusion porosity.
- CCD indicator gives indication of drying and moisture removal.

**STORAGE PACKING** : Available in 40 Kg. poly-buckets

- Store in a cool, dry and ventilated place
- Lids to be replaced tightly to prevent adulteration with foreign material.

**PRECAUTIONS:** Use gloves, goggles and masks to avoid skin contact and avoid inhalation of the vapors emanating from the coating during usage.

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