

# Sino-Sina Building Materials Co., Ltd

## 402C Oil-proof Concrete Additive Technical Data Sheet

### Product Description

402C is an additive designed to enhance the oil-resistance and wear-resistance of concrete, making it suitable for high-demand environments.

### Applications

- High-rise underground parking lots, warehouses, test tracks, highways, and bridge pavements requiring high strength and wear resistance.
- Oil reservoirs, storage tanks, and concrete structures needing oil and seepage resistance.
- Oil-resistant and wear-resistant floors in various machine shops.

### Features and Benefits

- Increases concrete strength by 50-70
- Boosts wear resistance by more than 1x.
- Non-aging, no maintenance needed, durability of 50+ years compared to organic coatings.
- Easy construction: Add to ordinary concrete mix, no additional oil-proof process required.

### Technical Data

Conforms to JC/T985-2005 for cement-based self-leveling mortar.

Item	Index
Water-reducing (%)	12
Water Vapor Transition Ratio (%)	80
Difference in Setting Time (initial and final set, min)	-60 +90
Abrasion Loss Rate (%)	0.08
Ratio of Compressive Strength (%)	150
90-day Shrinkage Ratio (%)	100
Impervious Grade	S12

## Packaging and Storage

- Packaging: 25kg composite kraft paper bags.
- Shelf Life: 6 months in dry, ventilated room; sealed bags, protect from moisture and frost.

## Application Instructions

1. Clean original concrete surface, remove floating soil, debris.
2. Wet surface lightly with water, no excess; dry if needed.
3. Apply interface treatment agent evenly, no misses.
4. Mix additive (15
5. Pour mix to design elevation; use rolling, vibrating, rough smearing.
6. Set 1cm expansion joints every 6m; remove strips after 3 days.
7. Grind surface slurry after 3 days with water polishing.

## Safety Precautions

Follow standard concrete handling; wear protective gear as needed.

## Contact Information

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