



ASIAN LABORATORIES

CONSTRUCTION CHEMICAL MANUFACTURERS

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PRODUCT: CEMWET – BUBBLE VANISH
Concrete Bubble Removing Agent

Secondary concrete products have a problem by which commodity value is spoiled, if cellular big marks remain on the surface after hardening. **CEMWET- BUBBLE VANISH** can control the remaining bubble by improving wet ability to the mold of concrete slurry and can manufacture the concrete cast.

Typical Properties (These data are not specifications)

Appearance	: Slightly yellowish liquid
Specific Gravity	: 0.99 (at 25°C)
Ionicity	: Nonionic
pH	: 6.0 (1 mass% aqueous dispersion)
Water content (mass %)	: 2.0
Freezing point	: Less than -10°C

ADVANTAGES:

- * **CEMWET – BUBBLE VANISH** can control the remaining bubble by improving wet ability to the mold of concrete slurry and can manufacture the concrete cast with beautiful surface. Moreover, since the time and effort which repairs the concrete decreases, productivity can be improved.
- * **CEMWET- BUBBLE VANISH** is effective in reducing the air content of concrete.
- * **CEMWET – BUBBLE VANISH** is effective in the temperature range from 2°C to 60°C
- * **CEMWET – BUBBLE VANISH** is free from harmful salts like chloride & sulphates
- * **CEMWET – BUBBLE VANISH** increases the durability of concrete by making concrete dense

CEMWET – BUBBLE VANISH is useful for the following usages:

- Secondary concrete products
- Precast high performance concrete elements

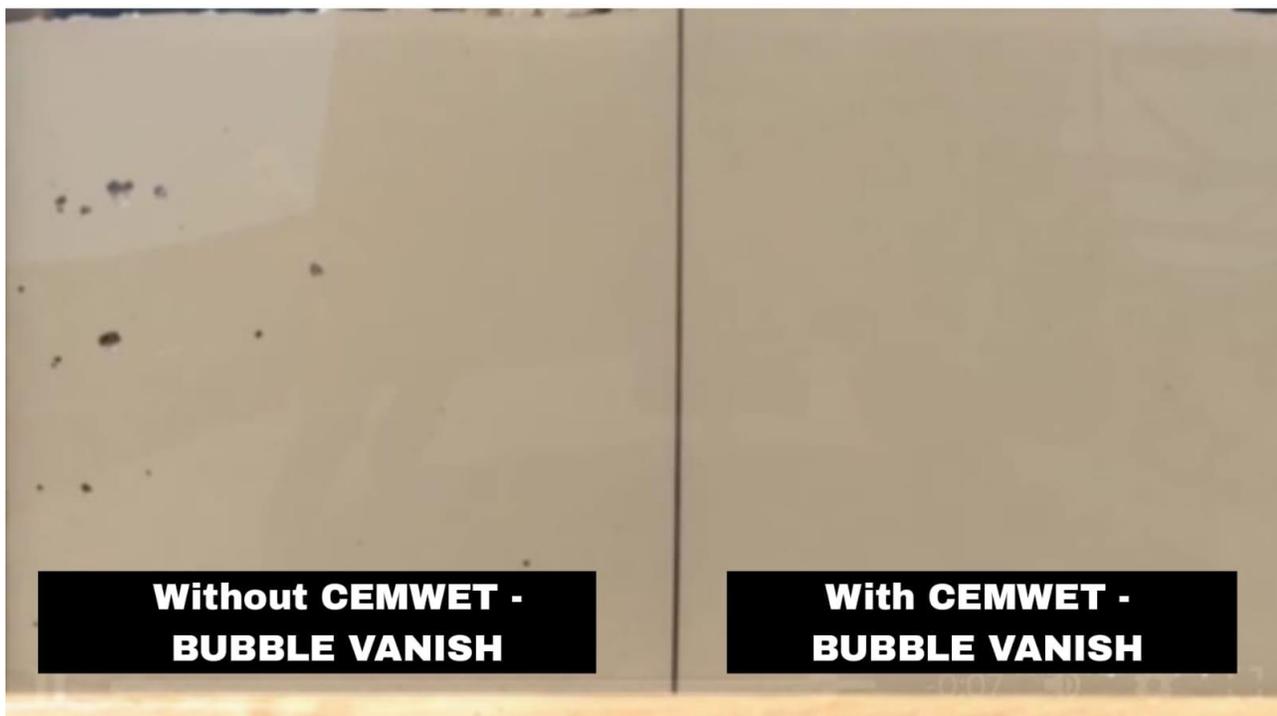
Application Information:

- 1) Since it changes with compounding ratios of secondary concrete product material, please determine the amount of optimal addition of **CEMWET – BUBBLE VANISH** after testing.
- 2) The general standard amount of addition is 0.05 to 0.1 mass% to cement.
- 3) Since it is effective in reducing air content, **CEMWET-BUBBLE VANISH** needs to be inquired beforehand, when using together with and Air Entraining Agent (AE Agent).
- 4) Please use the undiluted solution of **CEMWET-BUBBLE VANISH** by adding directly.
- 5) **CEMWET – BUBBLE VANISH** can also be diluted and used 2 to 20 times with water. However, since it is unstable emulsion, please use the diluted liquid after stirring it.

Performance:

1. Surface Finish

Fig.1. Test result of surface finish property (the surface of concrete cast)



With **CEMWET – BUBBLE VANISH**, the surface of secondary concrete becomes Bubble Free.

Evaluation Conditions:

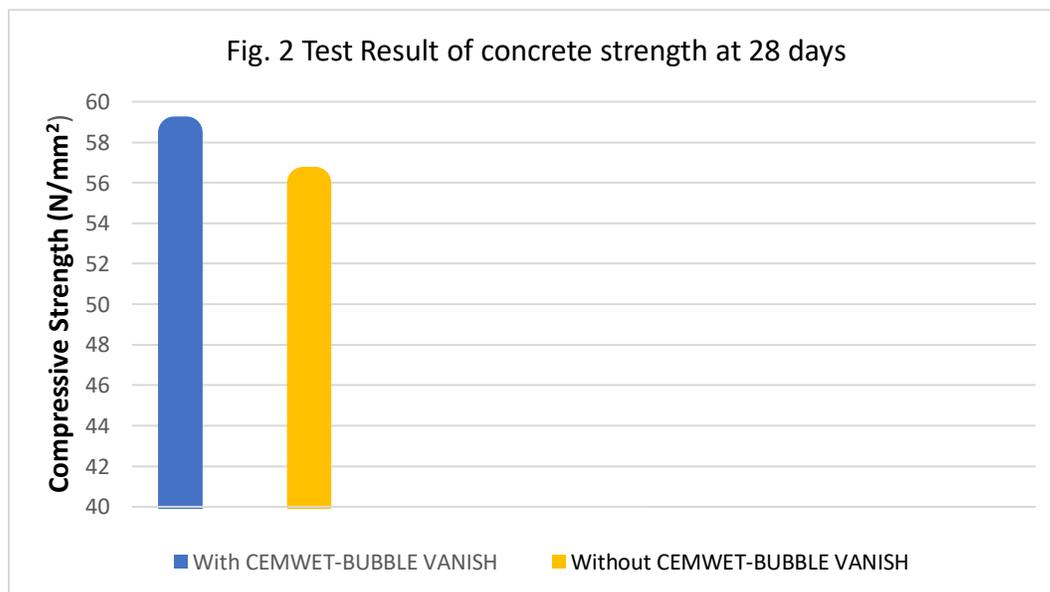
Materials	Unit weight (kg/m ³)	Remarks
Water (W)	216	W/C: 0.47
Portland Cement (C)	458	
Sand	917	
Crushed stones	970	
Water reducing agent**	2.9	
CEMWET-BUBBLE VANISH	0.46	

** CEMWET SP-3000 PCE-21

Evaluation Method:

1. Mix well Portland Cement, sand, and crush stones for 30 seconds.
2. Add mixed materials in (1) and water reducing agent, **CEMWET- BUBBLE VANISH** into the vessel and mix for 3 minutes.
3. Pour them into the mold.
4. Aging is performed for 3 hours under 60°C, 95 RH% of conditions,
5. After hardening, it is removed from the mold and appearance is observed.

2. Concrete Strength



There is no reduction of concrete strength by adding **CEMWET- BUBBLE VANISH**

Evaluation Conditions:

Materials	Unit weight (kg/m³)	Remarks
Water (W)	170	W/C: 0.34
Portland Cement (C)	500	
Sand	684	
Crushed stones	1039	
Water reducing agent**	3.0	
CEMWET-BUBBLE VANISH	0.5	

** CEMWET SP-3000 PCE-21

Handling Precautions:

- Seal the package after use and store in indoor warehouse.
- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- Wash your hands with soap thoroughly and gargle after handling.
- In case of contact with skin, wash thoroughly with soap and water.
- In case of contact with eye, was thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.

Packaging:

- 20kg HDPE Jar
- 200 kg HDPE Barrel

PRICE, PERIOD OF DELIVERY AND TERMS OF BUSINESS ON REQUEST
MANUFACTURED BY

