

## TECHNICAL / APPLICATION DATA SHEET

### MODIFIER 300

**Product Name**

**GRAFITO™ Modifier 300**

Size: 19 Lt Pail

**Manufacturer**

DBS Ins. Taah. Kim. San. Tic. Ltd. Sti.

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**Description**

GRAFITO's™ Modifier 300 is a polymeric additive for concrete mixes giving unique flexural qualities to concrete and cement mixes.

**Uses**

GRAFITO's™ Modifier 300 should be added to cement-based mixes of concrete, mortars, plasters and stuccos to increase their bond strength, improve workability, adhesion, chemical resistance properties and freeze/thaw flexibility. GRAFITO's™ Modifier 300 is a bonding agent for exterior, interior, above grade, below grade applications. GRAFITO's™ Modifier 300 will greatly reduce cracking and fisheye cracking permitting applications at any thickness from featheredge to a deep fill.

**Preparation**

Mix 2 parts water to 1 part Modifier 300 before adding into dry mix.

**IMPORTANT:** Be sure to stir well before using.

**Mixing Ratios**

Dry Mix	Mixed Modifier 300	Water
Wall Mix G / W	5,5 Lt / Bag	~ 3 Lt / Bag (Max.)
Overlay Mix G / W	4,5 Lt / Bag	~ ( 0 – 0,5) Lt / Bag (Max.)

- Tools should be cleaned immediately after use GRAFITO™ Modifier 300

**Mixing instructions for Wall Mix G / W**

- Add 5,5 lt of mix Modifier 300 and appropriate amount of water for each bag of Wall Mix.
- Mix contents until the wet mix is completely uniform. Avoid over mixing.

**Mixing instructions for Overlay Mix G / W**

- Add 4,5 lt of mix Modifier 300 and appropriate amount of water for each bag of Wall Mix.
- Mix contents until the wet mix is completely uniform. Avoid over mixing.

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### LIMITATIONS

- Do not use or apply on frozen or frost-covered surfaces. Do not apply when ambient air or surface temperature is below freezing or expected to fall below **5°C within 4-8 hours**.
- Keep GRAFITO™ Modifier 300 from freezing.

Wall Mix G	Measured			Testing procedure
	1	2	Mean value	
Consistency – flow table test (mm)	155	157	<b>156</b>	<b>SIST EN 1015-3</b>
	1	2	<b>3</b>	<b>Mean value</b>
Bending strength (N/mm <sup>2</sup> )	4,1	4,4	<b>3,8</b>	<b>4,1</b>

Wall Mix W	Measured			Testing procedure
	1	2	Mean value	
Consistency – flow table test (mm)	159	158	<b>159</b>	<b>SIST EN 1015-3</b>
	1	2	<b>3</b>	<b>Mean value</b>
Bending strength (N/mm <sup>2</sup> )	4,1	4,5	<b>5,1</b>	<b>4,6</b>

Overlay Mix G	Measured			Testing procedure
	1	2	Mean value	
Consistency – flow table test (mm)	224	221	<b>223</b>	<b>SIST EN 1015-3</b>
	1	2	<b>3</b>	<b>Mean value</b>
Bending strength (N/mm <sup>2</sup> )	5.5	5.8	<b>5.8</b>	<b>5.7</b>

Overlay Mix W	Measured			Testing procedure
	1	2	Mean value	
Consistency – flow table test (mm)	183	181	<b>182</b>	<b>SIST EN 1015-3</b>
	1	2	<b>3</b>	<b>Mean value</b>
Bending strength (N/mm <sup>2</sup> )	7,4	7,1	<b>6,2</b>	<b>6,9</b>

### PRECAUTIONS

- Rubber gloves are recommended while application. In case of eye contact, immediately flush eyes with plenty of water.
- This product may cause eye irritation in unventilated closed areas. Use with adequate ventilation. Wash with soap and water to clean up.

### Manufacturer's Warranty

DBS warrants, for 12 months under proper storage conditions from the date of manufacture, or for the duration of the published product shelf life, whichever is less, that at the time of shipment by DBS, the product is free of manufacturing defects and conforms to DBS's published specifications in force on the date of acceptance by DBS of the order. DBS shall only be liable under this warranty if the material has been applied, used, and stored in accordance with DBS' instructions in the technical data sheet. The purchaser must examine the product when received and promptly notify DBS in writing of any nonconformity before the product is used, or no later than 30 days after such nonconformity is first discovered. If DBS, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the nonconforming product, refund the purchase price or issue a credit. This is the sole and exclusive remedy for breach of this warranty.