



## A G I L I A™

### Agilia™ Horizontal's

finishing characteristics and high fluidity will produce excellent surface finish with minimal labour

**Agilia™ Horizontal** is designed with a higher slump flow for easier placing & levelling making it ideal for use in all horizontal applications  
**Agilia™ Horizontal** can be used for Slabs, Structural toppings, Oversites, Domestic floors, Commercial Slabs and Industrial Floor slabs

#### Characteristics

**Agilia™ Horizontal** enables the rapid and effortless casting of slabs and floors

**Agilia™ Horizontal** provides high quality surface finish

**Agilia™ Horizontal** can be laid over any stable substrate.

**Agilia™ Horizontal** is highly fluid and this requires the membrane to be substantially watertight to prevent loss of material  
 Floor finish tolerance to BS 8204 – 1 SR2

#### Advantages

**Ease of placing** - The product's impressive ease of levelling enables swift and easy coverage of large surfaces and flat toppings

**High Surface Quality** to meet the most demanding needs and flatness requirements for slabs and floors

**Worksite Flexibility** is realized with reduced pouring points, crane handling & more efficient labour utilization when placing the concrete

**Reduced Placing time** - It is possible to pour seven to ten meters at a time, requiring less labour, no vibration, and giving excellent concrete surfaces

**Reduced** costs and more efficient utilisation of time

## Recommendations Agilia™ Horizontal

- Can be laid over any stable substrate. Standard concrete practices must be applied
- Recommended for flatwork only
- Formwork must be watertight to avoid any grout loss
- Joints need to be cut according to standard concrete practices
- Always involve a Readymix Qatar sales representative for advice prior to ordering Agilia™

### Pump priming

If the concrete is to be pumped, prior to pumping it is essential that the pump is primed. The pipes must be systematically “lubricated”. The slurry should be fed through the pipes and fully recovered at the other end before any of the concrete is discharged.

### Pumping

When placing the product, the hose should be held approximately 500mm from the substrate. The pipe should be moved in a sweeping motion and should not be held stationary above any fixed point. Agilia™ Horizontal should be poured until the pre-set levels, as denoted by the tripods, have been reached.

### Dappling

When the material has been placed to the desired levels within a room/ area, it should be dapped immediately to obtain the best surface finish. The T-bar should be moved across the surface of the concrete with a dappling motion to generate a wave-like ripple across the surface. The dappling should occur in two directions, the second being perpendicular to the first. The first pass should be a deep pass to approximately two-thirds of the depth of the concrete, the second a light pass over the surface.

### Curing

Following placement, a curing membrane should be sprayed over the surface using a mist sprayer.

It is essential to ensure complete coverage of the surface as per manufacturer’s guidelines.

**Agilia™ Horizontal** complies with the requirements of Qatar Construction Specifications



## Summary of characteristics

- **Outstanding Architectural finishes achievable**
- **Compressive strength can be tailored to meet individual project requirements**
- **Excellent workability retention**
- **High flow characteristics**
- **Highly durable**

### Bay sizes

Saw cut joints should be detailed at 40 times the depth of the slab (in mm) e.g. A slab that is 150mm deep = 150 x 40 = 6,000mm, therefore joints must be at 6m x 6m.

### Slump-flow measurement

When **Agilia™ Horizontal** arrives on site, the slump-flow of the material should be 650mm – 750mm when measured using the appropriate equipment.

## Precautions

**Respect the rules of Occupational Health and Safety :**

- **Wear gloves**
- **Helmet**
- **Shoes**
- **Safety glasses, etc**

Care must be taken while using the curing membrane. Wear respiratory equipment.

**MS DS** available upon request



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