



## AGILIA™ Agilia™ Vertical

offers exceptional quality  
on vertical applications  
without remedial work.

### APPLICATIONS

**Agilia™ Vertical** is designed with improved viscosity to ensure better off shutter finishes and better flowability between reinforcement making it ideal for use in all vertical applications

**Agilia™ Vertical** can be used for :

Walls, columns and any vertical structure

For areas of congested rebar where conventional vibration methods may not be possible

Structures with heavily congested reinforcement

Casting complex shapes and long panels

### CHARACTERISTICS

**Agilia™ Vertical**, mixes are designed specially for each contract taken into account such factors as placing techniques, strength, and durability requirements

Agilia™ technology provides the highest quality surface finish. The highly fluid material will replicate the shape and texture of formwork and ideal for use in complex design and shapes

Unlike traditional concrete, Agilia™ is measured by its flow and viscosity and not by slump.

Agilia™ performs in the same way as standard concrete with regard to strength and setting characteristics. The durability is greater than the standard concrete with same cement content and water cement ratio.

## ADVANTAGES

**Reduced labour** - Convenient and time saving, permitting the flexible use of labour on site.

**Health and safety** - Reduced number of employees needed on site to lay Agilia™ Vertical, reducing the health and safety risks on site.

**No vibration** - This procedure needs no vibration at any stage of the placing process, eliminating the inherent problem of vibration white finger and reducing noise pollution.

**Reduces Cost** - Speeds up project time and reduces costs. Reduces overheads (labour, pumping and vibration)

**Flexible placing** - Can be placed either by pump, crane or skip.

**Noise** - Eliminates traditional methods of placing and finishing concrete ideal when working in inner-city and built up residential areas.

## PLACING

**Agilia™ Vertical** can be placed either by skip or pump. Due to Agilia's™ high fluidity the distance between pouring points can be significantly increased.

In order to achieve high quality finish for Agilia™ Vertical a high quality "Watertight" formwork is recommended.

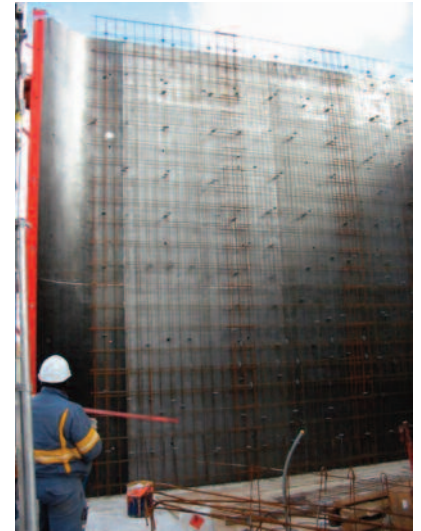
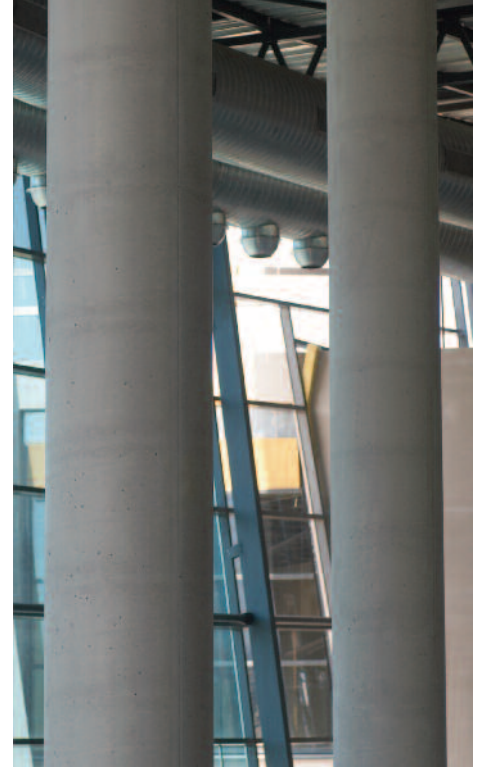
Readymix Qatar will be happy to advice on the formwork requirements, release agents, placing and curing methods.

Contact Readymix Qatar Technical Center for specialised applications and guidance in relation to Agilia™ Vertical

## RECOMMENDATIONS

- Suitable formwork design is required to withstand the additional hydrostatic pressures of Agilia.
- All joints need to be sealed with a joint sealer to avoid and grout loss.
- The correct demoulding oils need to be applied to the formwork to ensure high quality off-shutter finishes. Bio degradable oils are recommended.
- Shutters can be removed as per standard concrete practices.
- Always seek a Readymix sales representative for advice prior to ordering

### AGILIA™ VERTICAL.



## Summary of characteristics

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

**Agilia™ Vertical is a high performance concrete which is self compacting and self leveling designed to provide excellent workability retention in the highly challenging ambient conditions prevalent in the Middle East and allows the creation of surface finishes unachievable by the use of conventional concrete.**  
**Agilia™ Vertical complies with the requirements of Qatar Construction Specifications**

## PRECAUTIONS

Respect the rules of Occupational Health and Safety :

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

**MS DS** available upon request

Readymix Qatar L.L.C  
P.O. Box 5007, Doha – Qatar  
Tel. : +974-432-1149,  
Fax: +974-432 8056  
Website:

<http://www.readymixqatar.com.qa>

