



CONTROL OF WATER ADDED AT POINT OF DELIVERY

It is essential we control and record any water added on site at the point of delivery in order to ensure we supply a product that both meets the needs of the customer, but also maintains its design characteristics. Adding additional water on site, over and above the design, has the potential to reduce the materials end performance which can have costly repercussions.

What can go wrong?

Additional water may have a detrimental effect on the quality of the finished product. It may cause the material to:

- have a reduced compressive strength
- fail maximum free water cement ratio specification.
- have reduced durability
- be more susceptible to shrinkage and cracking

Adding additional water on site can only be carried out at the instruction of the customer or their authorised personnel and must be recorded on the delivery documentation. The customer must also agree to sign the POD accepting responsibility for the end performance of the concrete.

In circumstances where the delivered workability is below the limits of the consistence class ordered, instruction should be sought from the local Technical Manager prior to additional water being added.

We have a number of complaints recorded where end performance issues have arisen as a result of excess additional water being added on site resulting in very costly remedial works being required. In some cases, the additional water has not been recorded or signed for by the customer leaving CEMEX potentially at fault.

STOP & THINK

Before any water is added on site the customer must first agree to the addition and accept responsibility for the end performance of the finished product.

Any addition must be recorded on the proof of delivery in use and signed for by the customer prior to the adjustment to the load being made.