

## WATER RETENTION ADMIXTURE FOR MORTAR

### What is MOR-LIFE?

MOR-LIFE is an admixture that has been successfully used for masonry mortar since 1968. It is a pre-measured, white, dry powder, exactly proportioned for each mortar batch. Each portion is packaged in a polyethylene bag with printed instructions.

### Why does MOR-LIFE improve mortar?

MOR-LIFE holds onto the mixing water in the mortar. This keeps the mortar plastic and workable much longer. Retempering is practically eliminated. Mortar stays on the ears of concrete block. There is less dropout of vertical joints. There is no problem with mortar stiffening too quickly in the wall, making alignment and tooling difficult.

### When do mason contractors use MOR-LIFE?

1. When they are building with a high initial rate of absorption masonry unit (soaker), and it is impractical to wet the brick.
2. When their regular mortar is drying out too fast on the board or in the wall.
3. When they need a better bonding mortar than their present mortar. MOR-LIFE improves bond.
4. When they need a more cohesive, sticky mortar, such as for weeping joints or for pumping.
5. When their regular mortar is dropping off block ears or falling out of vertical joints.
6. When tuckpointing, MOR-LIFE reduces the amount of time spent wetting the existing brick.

### How is MOR-LIFE used?

As an admixture to improve mortar and to prolong the useful life of mortar on hot, dry, windy days or when using dry "soakers".

Distribute contents of bag into mixer with part or all of mixing water before adding cement.

Use 1 bag of MOR-LIFE with each bag of portland cement in a portland cement-lime mortar.

For masonry cement mortars, add 1 bag of MOR-LIFE with each 2 bags of masonry cement.

In most cases, the addition of a bag of MOR-LIFE will allow you to add as much as 1 ½ cu. Ft. (120#) of sand.

### A simple job test

To convince yourself of the value of MOR-LIFE, try this easy test. Build a pier 9 brick high in stacked bond with your ordinary mortar. Then mix a batch of MOR-LIFE mortar and build a second pier of 9 brick. Note the better plasticity of the MOR-LIFE batch.

After a week or more, turn both piers on their sides and support them at the ends, like a bridge. Pile brick in the middle of the bridges until failure.

You'll see that the MOR-LIFE mortar results in a stronger bond.

### Get a better job!

Because MOR-LIFE holds onto the mixing water, MOR-LIFE mortar does not dry out as fast as conventional mortars. The result is better moist curing and more intimate bond between mortar and masonry unit



making it easier to obtain strong, watertight masonry.

### Are the physical properties of MOR-LIFE mortar known?

Yes, independent laboratory reports, available on request, show that MOR-LIFE does not contribute to efflorescence or corrosion. MOR-LIFE does not change the color of colored or standard mortar. MOR-LIFE does not affect the compressive strength of mortar.

Most importantly, MOR-LIFE increases the extent of bond.

### Save on labor!

Make the job easier. On hot, dry, windy days — or when you are using masonry units high in suction (initial rate of absorption), MOR-LIFE mortar:

- stays plastic and workable longer
- holds onto its mixing water longer
- spreads and flows farther because it doesn't dry too fast
- needs little or no retempering
- sticks on the ears of block
- stays in vertical joints

**PRECAUTIONS:** IPCO products are for industrial use only. IPCO Material Safety Data Sheets should be read and understood by all personnel before using the products. **WARRANTY:** The recommendations and properties attributed to the products are based upon what is believed to be reliable information. We warrant our materials to be of good quality and will replace unused material proven to be defective. No expressed or implied warranty of installed material is made because satisfactory results depend not only upon product quality but also upon factors that are beyond our control.



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