

## INSTALLATION AND USER GUIDE FOR SIKA SILOS

### INSTALLATION OF THE SILO ON SITE:

- Ensure that the silo is installed level and on stable ground.
- Unlock the silo legs by removing the safety pins at the base of the legs.
- Using a forklift with appropriate load and lift capacity, lift the silo to the required height and replace the safety pins on the legs. Ensure that all pins have been inserted at the same height on all 4 legs of the silo.
- For small silos, it is important to stretch the legs across the width of the silo to provide more stability.
- Unlock and slowly lower the access ladder to the work platform.

### SILO OPERATION:

- Once standing on the working platform of the silo, always lock the safety chain behind you before starting to manoeuvre. Note that some silos are equipped with automatic swing gates
- Open the loading hatch at the top of the silo and check the interior of the silo (the silo must be empty and dry).
- Depending on the silo model, the protective cage is either in the silo or attached to the side. Its use is mandatory when filling. If the cage is inside the silo, take out the mesh, turn it over and put it down. The cage protects the forearms when emptying the contents of the bag into the Silo. **Never walk or stand under an FIBC\* during its handling. Personal protective equipment (PPE). Wearing PPE suitable for handling cementitious materials (rubber gloves, dust mask and safety glasses) is strongly recommended when working with the silo. Safety data sheets for the products used in conjunction with the silo are available on request.**
- Empty the contents of the FIBC into the silo.
- For protection cages with grid, replace it in the silo and close the door. Simply close the door for the cages without grid (delivered on the side). Be sure to close the hatch properly to prevent any water ingress. Clean the top of the silo in case of overflow or material accumulation.
- Open the discharge valve to allow material to flow into the mixer.
- Close the discharge valve when the desired amount of material is reached.
- Never enter a silo or stand directly under the Silo valve. This is a closed space.

**WHEN THE SILO IS NOT IN USE (EVENINGS AND WEEKENDS):**

- Lock the loading hatch on the top of the silo
- Raise and lock the access ladder
- Lock the silo discharge valve

**RETURN:**

- Empty the silo before returning
- Using a forklift with appropriate load and lift capacity, hold the silo at the necessary height to remove the safety pins on the legs. Lower the Silo to the ground and put the safety pins at the same height on the 4 legs of the Silo.

**CAUTION: It is important to never store anything on top of the silo, such as a mixer or other equipment, building materials, etc. that could damage the silo.**

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*\*FIBC: Flexible Intermediate Bulk Container, standardized term for "big bag", "bulk bag", "super sack" or "tonne bag". Industrial container made of flexible fabric (woven strands of oriented polypropylene) designed for storing and transporting dry, flowable products.*

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