

## 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:

**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.**

- 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 closing doors
- Open the loading hatch at the top of the silo and check the interior of the silo (the silo must be empty and dry).
- Remove the support cage/protective grate from its receptacle by grasping it by the grate and turning it over so that the metal frame is positioned upward to receive the bag and the space between it and the grate is accessible to open the bag manually (protection of the operator's forearms). **Never walk or stand under an FIBC\* during its handling.**
- Empty the contents of the FIBC into the silo.
- Replace the support cage/protective grate by turning it upside down in its receptacle, inside the silo, and close the hatch properly to prevent 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. 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

**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.*