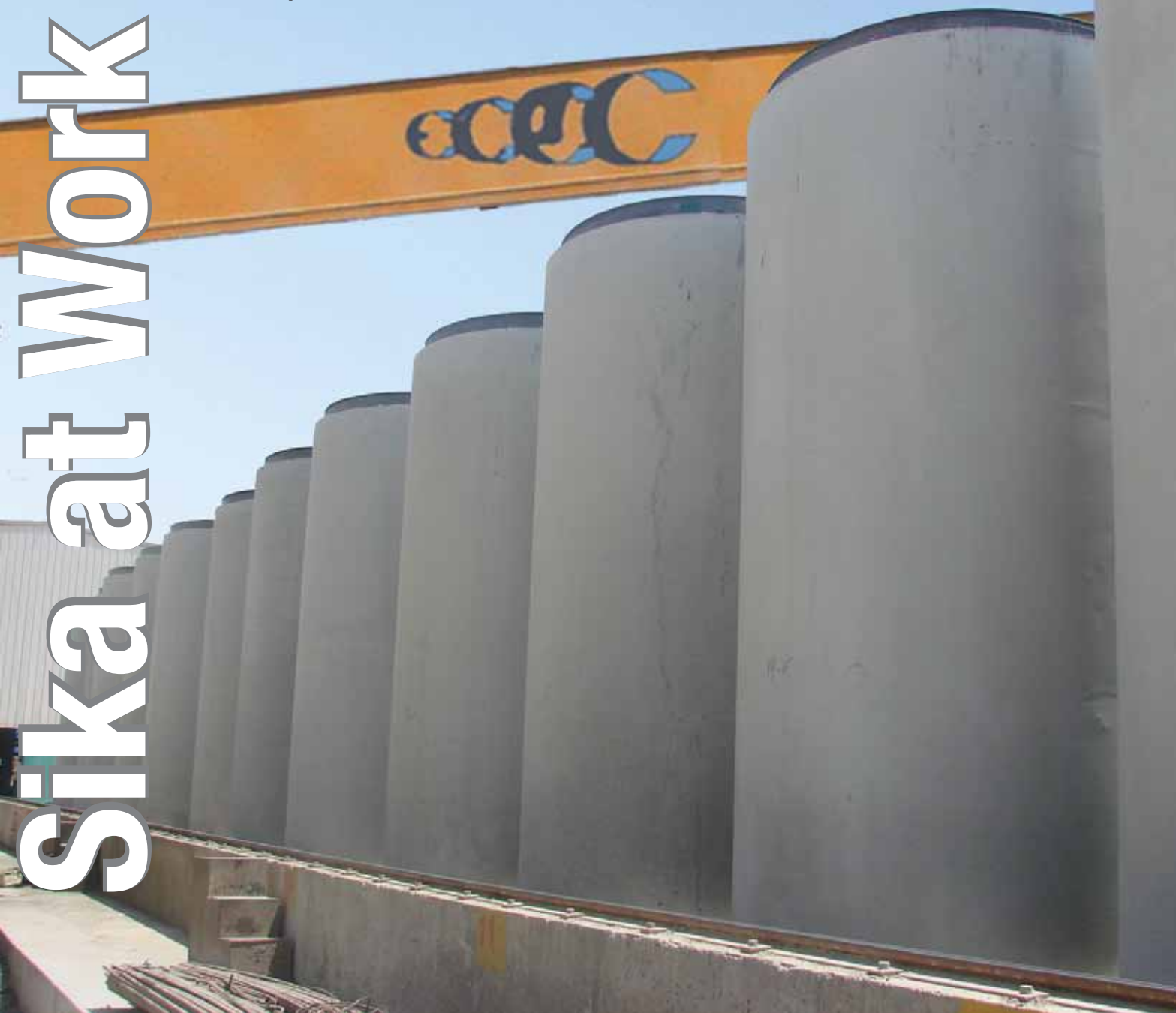


Sika at Work



ECPC Company

Concrete technology

Precast Concrete





ECPC Company

Owner:

- Egyptian Company for Prestressed Concrete ECPC Precat factory 10th Ramadan City (Consolis Group).
- One of the biggest precast producers in Egypt & producing precast elements with a superior quality such as:
 - prestressed concrete sewage pipes.
 - potable water concrete pipes.
 - concrete segments for tunnelling and buildings.

Requirements:

- Self compacting concrete.

Special Requirements:

- Produce self compacting concrete with compressive strength 65 MPA (28days) & 12-15 MPA (8 hrs.).
- Eliminate the need of mechanical vibration thus providing better environment.
- High Early strength.
- Improved shrinkage and creep behaviour.
- highest water reduction (up to 30%).
- Improved water impermeability.



Why Sika:

- Sika is leader in Self Compacting concrete admixture technology.
- Long lasting history with ECPC.
- Wide experiences in prefabricated concrete.

Sika Solution:

- - Using Sika Viscocrete 3425 which represents Sika third generation superplasticizer.
- Sika Viscocrete 3425 is a polycarboxylates polymer meets the European standards: EN 934-2.





Cross selling (Other Sika products):

- Sika Dur 41 Epoxy 3- components solvent free.
- Sika Top 121 SR bonding & repairing cement mortar.
- Sika Top 122 repair mortar.
- Sika Latex SBR bonding emulsion and mortar additive.

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