



CONSOL DRY CAST

Compaction Aid for Semi-Dry/No-Slump Concrete

DESCRIPTION

CONSOL DRY CAST is a high performance compaction aid for semi-dry/no-slump concrete. This product is designed for use in low cement content semi-dry/no-slump mixes.

RECOMMENDED FOR

CONSOL DRY CAST is used for producing optimized semi-dry/no-slump concrete with low moisture content. Semi-dry/no-slump concrete production is generally used in the manufacture of machine-made concrete products associated with instant demoulding such as :

- Kerbstones
- Pipes
- Block paving
- Paving flags
- Building block and bricks
- Semi-dry pressed and hollow core slabs
- Manholes and drainage goods
- Edging and other items for garden and landscape design

BENEFITS

CONSOL DRY CAST offers the following benefits for semi-dry/no-slump concrete:

- Increased "green" strength on immediate de-moulding (keep the shape of freshly de-moulded semi-dry concrete products because it prevents slumping after de-moulding)
- Optimized compaction with shorter pressing time and increased through put
- Improved movement of the concrete through the machine
- Efficient dispersion and distribution of cement, additive and pigment
- Reduced adhesion/stickiness between top layer concrete
- Minimized friction between the mould and the concrete
- More economic concrete mix design

For the finished concrete, **CONSOL DRY CAST** over several benefits such as:

- Consistent product quality due to a homogenous concrete mix
- Closer textured, smoother and more uniform surfaces
- Enhanced ultimate compressive and tensile strengths
- Minimized damage due to early handling
- Increased density
- Less variation in densities and strengths across the area of the mould
- Less customer returns and second grade products
- Improved durability and life expectancy

PRODUCT DATA

Form

Liquid

Appearance

Transparent

Packaging

200 litres sealed drum.

1000 litre IBC's or tanker delivery on request

Storage

CONSOL DRY CAST must be stored in a dry area, shaded place. Protect from direct sunlight and frost

Shelf- Life

CONSOL DRY CAST can be stored for 12 months if stored as recommend in unopened original containers

TECHNICAL DATA

Chemical Base

Blend of special surfactant

Density

Specific density: 1.03 ± 0.02 kg/L (at 25 °C)



INSTRUCTION FOR USE

Dosage

0.2 – 0.6 % by weight of cement

(note: when excess dosage have been used, please contact our Technical Support for achieve the best result)

Dispensing

In general a mixing time at least 30 seconds is essential, although the actual mixing time after adding the admixture depends on the individual circumstances and should be determined by trials.

CONSOL DRY CAST is added directly to the mixing water prior to its addition to the aggregates

LIMITATIONS

CONSOL DRY CAST can be added with the mixing water or introduced at the end of the mixing process.

CONSOL DRY CAST must not be used for wet cast concrete as this could result in excessive air entrainment and subsequent loss of strength.

Before use suitability tests must be performed.

PRECAUTIONS

- Avoid contact with skin and eyes.
- Wear protective glove and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

For detail health, safety and environmental recommendations, please consult and follow all instruction on the Material Safety Data Sheet.