



ROKSO ZECOS

PRODUCT CODE : 105

High performance admixture and Set Accelerator for PreCast Concrete Products

Product Description

ROKSO ZECOS is a high performance compaction aid for semi-dry/no-slump concrete

ROKSO ZECOS conforms to 9103-1999

Uses

ROKSO ZECOS is used for producing optimised coloured wet, semi-dry/no- slump concrete with a very low water content. Wet,Semi-dry/no-slump concrete production is generally used in the manufacture of machine-made concrete products associated with instant de-moulding such as:

- Block Paving (grey / coloured)
- Cement Tiles (grey / coloured)
- Paving flags
- Kerbstones
- Edgings and other items for garden and landscape design
- Building blocks and bricks

Characteristics / Advantages

ROKSO ZECOS offers substantial benefits to the producer of Wet,semi-dry/no slump concrete products:

- Efficient dispersion and distribution of cement, additives and pigments
- Give high early strength to wet concrete
- Improved movement of the concrete through the machine (faster mouldfilling)
- Optimised compaction with shorter pressing time and increased output[shorter production cycle]
- Minimized friction between the mould and the concrete [Reductions inequipment wearand tear]
- Reduced adhesion/stickiness between top layer concrete and pressinghead/tamper (equipment/tools)
- More economic concrete mix designs
- Create superior products

ROKSO ZECOS allows for the following advantages in the finished concreteproducts:

- Closer textured, smoother and more uniform surfaces (improved surfacefinish)
- Consistent product quality due to a homogenous concrete mix
- Less variation in densities and strengths across the area of the mould(constant spread of density & strength over the pallet)
- Minimized damage due to early handling
- Consistent early and ultimate compressive and tensile strength
- Increased freeze-thaw resistance
- Improved durability and life expectancy
- Constant and uniform colour (colour fastness)

Tests

Approvals / Standard : All values are internal test results according to 9103-1999

Product Data

Form	
Appearance	Brownish Liquid
Chemical Base	Modified Poly Carboxylate
Relative Density	~1.02 kg/l at 25°C

Application Details

Consumption / Dosage : 0.4 – 0.8% (200gm - 400gm) by weight of cementitious material (cement + flyash + ggbs) Actual dosage to be finalised on the basis of site trials.

Application Instructions

- **It is Highly Recommended to Stir / Mix well all ROKSO PRODUCTS Before use.**

Mixing : In General and Mixing time of the least 30 Second is essential, although the actual mixing the time after adding the Admixture depend On the individual circumstances and should be determined by trails.

Notes on Application / Limitation : **ROKSO ZECOS** can be added with the mixing water or introduced at the end of the mixing process. **ROKSO ZECOS** 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

Value Base : All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Health and Safety Information : For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

PACK SIZE

60KG CARBO & 230KGS HDPE BARREL

Manufactured in INDIA by
ROKSO INDIA PRIVATE LIMITED

AN ISO 9001 : 2015 CERTIFIED COMPANY

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