KUTRILIN

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification

# KUTRIAir PA701

**additive with specific composition that can meet different demands for concrete in civil engineering**

## Description and scope

**KUTRIAir PA701** is a concrete additive that acts as a plasticizer which allows better utilization of the effectiveness of the used cement. It reduces the need for water and provides better workability of concrete.

**KUTRIAir PA701** allows retraction of micro pores and ensures even distribution of pores in the concrete matrix, which contributes to a better resistance of concrete on cycles of freezing and thawing, and resistance to de-icing salts.

**KUTRIAir PA701** contains a retarding component which provides extended workability time of concrete and makes it suitable for production of ready mix concrete.

## Dosage

In normal conditions dosage is 0,5-1,3 kg per 100 kg of binder. Recommended dosage is 1,0 kg per 100 kg of binder or 1,0% per binder.
In special cases it can be recommended different dosage in accordance with the specific conditions on site. In such case please consult our technical department.

## Application

**KUTRIAir PA701** is a liquid admixture and need to be added to the concrete during the mixing process. Best results are obtained when the additive is added after all the other components already in the mixer and after the addition of at least 70% of total water. The amount of water in the mixture is adjusted to desired consistency or workability. Given the different needs for recessed air dosing is optimized according to a higher or lower amount of needed air content.

**KUTRIAir PA701** must be used at temperatures above + 5 °C and if it has been stored at low temperatures should be kept 24 h in a heated area before use and thoroughly homogenized.

**KUTRIAir PA701** can also be used with other **KUTRICrete** products with prior consultation with our technical department.

## Packing and storage

**KUTRIAir PA701** is available in 50 kg can, 200 kg barrel, 1000 kg IBC or in bulk.
**KUTRIAir PA701** must be stored in a room where the temperature is not lower than 5 °C. In case of freezing products it is necessary to increase the product temperature to 30 °C and stir again. The shelf life of the product is at least 2 years in original packing.

Replaces all previous releases for this product.
December, 2023.

## CONFIRMATION OF CONFORMITY

CE

2477

KUTRILIN d.o.o. 10000 Zagreb
Radnička cesta 173P

15

2477-CPR-2790-008

HRN EN 934-2:2012
Air entraining admixture
KUTRIAir PA701

| | |
|---|---|
| Chloride ion content | ≤0,1% by mass |
| Alkali content | ≤6,0% by mass |
| Corrosion behaviour | No corrosion promotion effects on steel embedded in concrete |
| Hazardous substances | Do not content |

## DECLARATION OF PERFORMANCE
2477-CPR-2790-008

1. Inique identification mark of product:
**KUTRIAir PA701**
2. Intended use of the construction product acc to EN 934-2: **Air entraining admixture**
3. Name, registered trade name or registered trademark and contact address of the producer:
**KUTRILIN d.o.o., Radnička cesta 173P, HR-10000 Zagreb**
4. The system or systems for assessing and verifying the stability of the properties of the construction product, as set out in Annex V.CPR: **System 2+**
5. The product is in compliance with the harmonized standard:
**EN 934-2:2009+A1:2012 Admixtures for concrete, mortar and grout – Part 2: Concrete admixtures**
**Name and identification number of the notified body:**
**Institut IGH d.d., NB 2477**
6. Evaluation of characteristics in relation to standard requirements

| An imporatant feature | Property |
|---|---|
| Chloride ion content | *≤0,1% by mass* |
| Alkali content | *≤6,0% by mass* |
| Corrosion behaviour | *No corrosion promotion effects on steel embedded in concrete* |
| Compressive strenght T5 | *Pass* |
| Air content in fresh concrete (entrained air) T5 | *Pass* |
| Air void characteristics in hardened concrete T5 | *Pass* |

7. The product type described in item 1 is in compliance with the stated properties from item 6. Only the producer designated in point 3 is responsible for issuing the declaration of performance.

December, 2023.