

PORMEL U

Masonry mortar admixture – Air entraining and Plasticizing admixture
Compliant to: EN 934-3 T.2

FILED OF APLICATION

Admixture for production of cement, used for masonry mortar.
Admixture for masonry mortar.

PROPERTIES

- Enables Air entrainment in the masonry mortar;
- Reduction of water used for production of masonry mortar;
- Increasing the workability of the fresh mortar;
- Enables mechanical application of mortar on vertical surfaces and ceiling;
- Reduces rebound of mortar applied by spraying.

TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance	Visual	Light orange liquid
Density (at 20°C)	ISO 758	(1.02±0.02) g/cm3
pH	EN ISO 4316	7,0±1,0
Alkali content:	EN 480-10	≤0.1%
Chlorides content:	EN 480-12	≤2.0%
Freezing temperature:	/	0°C
Total amount of air A ₁ , after standard mixing	EN 1015-7 Method A	A ₁ =(17±3)%
Air content after being still for 1 hour	EN 1015-7 Mehod A	≥A ₁ -3%
Air content after proloned mixing	EN 1015-7 Mehod A	≤A ₁ -5%≥A ₁ -5%
Water reduction	EN 1015-7 Mehod A	≥8%
Compressive strength at 28 days	EN 1015-11	≥70% of the reference mixture

DOSAGE AND PERFORMANCE:

Dosage of Poromel U should be 0.05-0.2% from the quantity of cement in the masonry mortar. In the process of production of masonry cement, the admixture is dosed immediately before entering the mill by means of spraying. Dosage higher than 0.08% allows water reduction of over 8% and a content of entrained air over 15%. Accurate dosing is established by carrying out industrial testing.


PACKAGING

Containers: 1000 kg

STORAGE

In the original packaging at temperature between 5°C and 35°C protected from direct sunlight. Shelf life: 12 months.

CE MARKING

 2032	
ADING AD Skopje, Novoselski pat (ul 1409) br.11 1060 Skopje, North Macedonia 12 GAFA001/6 EN 934-3:2009+A1:2012 POROMEL U Air-entraining/plasticizing admixture EN 934-3:T2	
Chloride ion content	≤ 0,1% by mass
Alkali content	≤ 2,0% by mass
Corrosion behaviour	Contains components only from EN 934-1:2008, Annex A.1

Health hazard: Poromel U does not contain toxic substances, however attention must be paid to avoid contact with the skin, eyes or not to be swallowed. In case of contact to skin or to eyes, rinsing is required with clean running water. If swallowed, medical assistance must be immediately requested. Additional formations are provided in Material Safety Data Sheet for the material.

Fire: Poromel U is a non-flammable liquid. Additional formations are provided in Material Safety Data Sheet for the material.

Cleaning and deposit: Poromel U is cleaned with water. Old and used packaging must be disposed according to local regulations for that type of waste. Additional formations are provided in Material Safety Data Sheet for the material.