Protect your values.

NUCLASIT 2.4

Radiation Protection Mortar

Description

One-component, hydraulically curing and ageing-resistant, suitable for pumping, pressing and for manual installation, free of fibres, phenol and halogen softeners.

Application Areas

- Used in nuclear installations, reprocessing plants and machines with radiation protection requirements according to the German Radiation Protection Act (StrlSchV) and X-ray Act (RöV).
- Used as closure material for cable, pipe and mixed penetration seals.

Delivery and Packaging

NUCLASIT 2.4	
Packaging	Bag
Container size	30 kg
Item number	
	01165000

Please contact us for further information:
global@svt.de Orders: order@svt.de
+49 4105-40 90-0

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Technical Data

Radiology	No radiation-induced damage of a serious nature after radiation exposure (level 3 and level 4) was detected during the irradiation test. (Pre-exposure to gamma rays).
Coating	reddish-grey
Bulk density (fresh mortar)	2800–3100 kg/m^3
Dry bulk density	2.50–2.90 kg/dm^3
Compressive strength	18–22 N/mm^2
Bond strength	0.5–0.8 N/mm^2
Joint pressure resistance	3–4 N/mm^2
Application temperature	> +5 °C
Application time	approx. 3–4 hours
Final strength	after approx. 28 days
Weakness measurement	Weakness measurements carried out on insulation boards made of mineral mortar NUCLASIT 2.4 (boards 55 x 55 x 5 cm). The shielding effect of the insulation boards is similar to barite concrete with a density of 3.5 g/cm³.
Application instructions	Surfaces must be solid, free of adhesion-reducing substances and dust. Absorbent surfaces should be pre-wet with water. The consistency of the mortar must be adapted to fill all necessary components without cavities.
Consumption	~ 3 l water + 30 kg dry mortar ≈ 11 l ready-to-use wet mortar ≈ 11 l volume after hardening

Storage	Cool and dry
Safety information	Please observe the safety data sheet.
Declaration of performance (DOP) no.	011650w00-NUCLASIT-2.4