

PU CEM HF

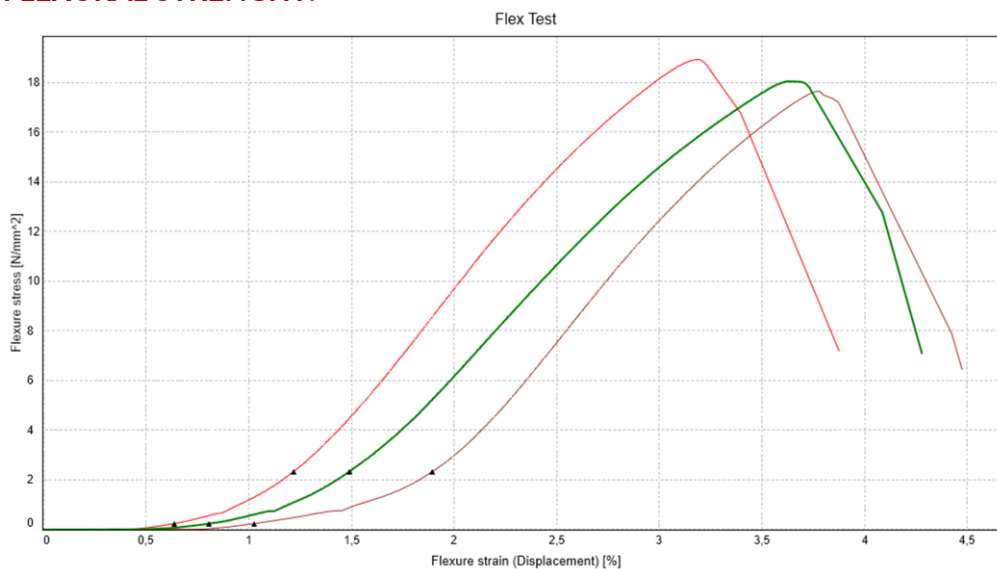
DESCRIPTION:

PUCEM HF is an aromatic four-component, solvent-free, pigmented floor finish based on a polyurethane cement. PUCEM HF is mechanically strong and non-slip. It is a robust, wear-resistant floor with a long service life.

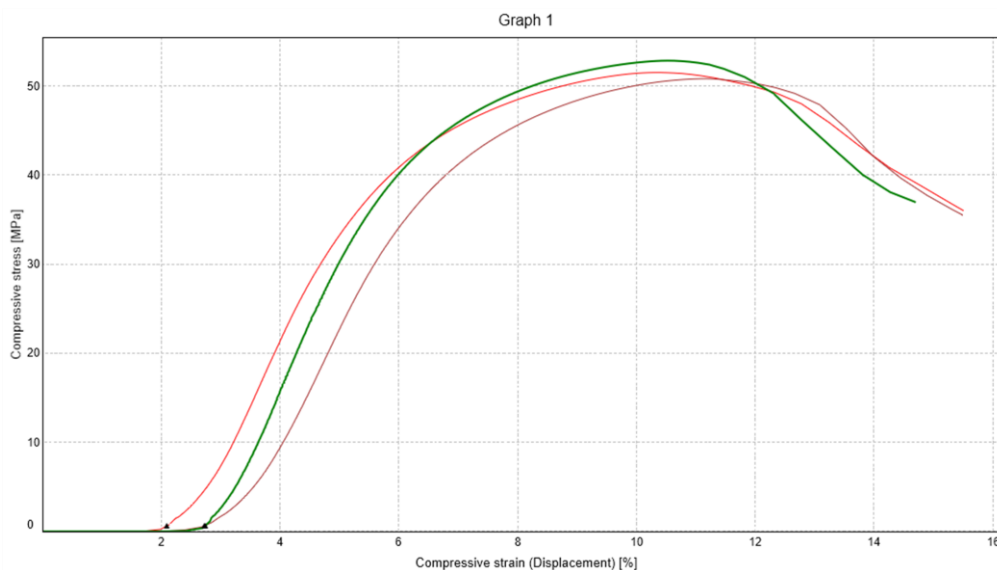
A PUCEM HF floor is liquid-tight, making it the ideal floor finish for the food, chemical and pharmaceutical industries. The floor is resistant to chemicals such as many types of acids, alkalis, salts and solvents, but also to mineral oils, kerosene, gasoline, diesel and brake fluid.

In addition, the floor is extremely heat resistant and resistant to thermal shock (hot water). PUCEM HF is normally loadable after 24 hours.

FLEXURAL STRENGTH:



COMPRESSIVE STRENGTH:



CONSUMPTION:

System	Product	Consumption
Casting layer	PU CEM HF	8 mm - 16 kg/m ²
		10 mm - 22 kg/m ²
		12 mm - 26 kg/m ²

PROPERTIES:

High chemical resistance

Resistant to thermal shocks

High temperature resistant

Slip resistance R 11

Abrasion resistance

Flexural strength [N/mm²] > 18

Compressive strength [N/mm²] > 50

PACKAGING:

Component A: 2,5 kg resin

Component B: 2,7 kg hardener

Filler: 25 kg

Pigment paste: 0,3 kg

Set: 30,5 kg

FORM:

Component A: Liquid, white

Component B: Liquid, yellowish to brown

Filler: Powder

Pigment paste: Liquid, colorful

COLORS:

- Light grey
- Grey
- Dark grey
- Light yellow
- Yellow
- Green
- Blue
- Red

APPLICATIONS:

- Food industry
- Chemical industry
- Pharmaceutical industry
- Dairy industry
- Company kitchen
- Bottle lines

APPLICATION:

PAY ATTENTION!

- Please check if you have the right components.
 - Mixing is very important. Apply the mixing times strictly because otherwise no chemical reaction takes place.
 - When applying the product please wear the right personal protective equipment
1. Pour the A-component into a bucket and add the pigment paste.
 2. Then add the entire contents of component B to component A.
 3. Mix for approximately 30 seconds with a Collomix Xo 55 R Duo or WK 120 HF mixing rod until a homogeneous mixture is formed. Avoid scraping with the mixing rod along the wall of the bucket.
 4. Add the filler and mix thoroughly for about 1 minute until a homogeneous mixture is formed. When mixing for too long, the product will already react in the bucket, which significantly reduces the flow and processability. Avoid scraping with the mixing rod along the wall of the bucket.
 5. Pour out the mixture and distribute evenly with a floor spoon over the subfloor. Always pour the entire contents of the bucket at once. This is to prevent a quick reaction of material in the bucket.
 6. For even consumption in a large room, it is recommended that the room is divided into planes or strips with pieces of tape. This way you can better regulate consumption.
 7. Reroll with a nylon fur roller to roll away the application traces of the floor chip.
 8. When the entire subfloor is evenly coated, the floor must harden for about 24 hours before it can be walked on. Of course, first test whether the floor is actually walkable!

SUBSTRATE PREPARATION:

The substrate must be sound and sufficiently compression-resistant (minimum 25 N/mm²), with a minimum adhesive strength of 1,5 N/mm².

The surface must be clean and dry and free of dirt, oil, grease and other contamination.

The improper assessment and treatment of cracks can lead to reduced service life and recurrent cracks.

Concrete substrates, ball blasting or diamond sheds to remove any cement veil and achieve an open textured surface.

Remove weak concrete and loose cementitious substrates and repair surface damage such as holes and cavities.

It is important to cut the subfloor along gutters and walls so that the PUCEM can anchor itself to the subsoil.

All dust, loose and friable material should be completely removed from all surfaces before applying the product, preferably using a brush and/or industrial vacuum cleaner.

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HEALTH AND SAFETY:

For information and advice on the safe handling, storage and disposal of chemical products, the user should consult the most recent product safety data sheet consult, regarding the physical, ecological, toxicological and other safety-related data.

VALUE BASE:

All technical data stated in this technical data sheet is based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

For more information about the Eurostep products or for technical advice, please contact:

Eurostep Poland Sp. z o.o.
Tymiankowa 37/39
95-054 Ksawerów
Poland

Tel.: +48 609 222 050

www.Eurostep.pl