

GEORESIN 035 CF (Cavity Filling) is a structural two-component polyurethane foam system, designed for undersealing and void filling under concrete slab sections. The slow speed reactivity profile allows for excellent flow characteristics when used as an undersealing and void fill material. It will run and level itself and expand slowly with low heat.

## GENERAL PROPERTIES AND APPLICATIONS

GEORESIN 035 CF is a polyol formulation. Mixed in the appropriate ratio with GEORESIN HARDENER, it generates an expandable foam with a free rise density between 30 and 40 kg/m<sup>3</sup>, depending on the volume mix ratio. It's engineered to flow throughout intricate cavities to fill the entire void to add structural support, prevent vibrations, deaden sound and increase insulation value. Ideal for filling blind and intricate cavities.

## TECHNICAL DATA

GEORESIN 035 CF		
Property	Unit	Value
Density at 20°C	kg/m <sup>3</sup>	1030
Viscosity at 20°C	mPa.s	204
Appearance		Clear yellow orange

GEORESIN HARDENER		
Property	Unit	Value
Density at 20°C	kg/m <sup>3</sup>	1230
Viscosity at 20°C	mPa.s	230
Appearance		Black

## PROCESSING

GEORESIN 035 CF should only be used in combination with GEORESIN HARDENER, using a two-component volume pump and correct mixing ratio.

## DIRECTIONS FOR PROCESSING

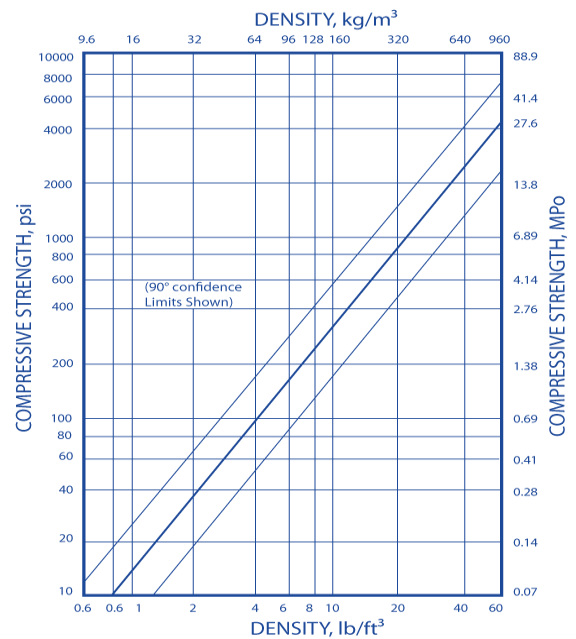
Recommended mixing ratio	Volume	Weight
GEORESIN 035 CF	100	103
GEORESIN HARDENER	100	123

Manual foam test at 20°C	Volume ratio resin/hardener: 1/1
Start time (s)	45
Gel time (s)	135
End of rise (s)	210
Tack free (s)	190
Free rise density (kg/m <sup>3</sup> )	30 - 40

These values are given only as a guide and must be verified in each individual case on finished parts manufactured under the processor's production conditions.

## GRAPHIC

Indicative values for similar systems - no specifications.



Effect of Density on Compressive Strength

## PACKAGING

	GEORESIN 035 CF	GEORESIN HARDENER
Drum	210 kg	250 kg
IBC	1045 kg	1250 kg

## STORAGE

Storage temperature: 5°C - 30°C. Shelf life: 12 months. Store the material in its original packaging to prevent moisture ingress in a dry well ventilated area not exposed to direct sunlight and in compliance with local safety requirements.

## SAFETY AND HEALTH PRECAUTIONS

Before starting, consult the safety data sheet.