

Our resin-filled sealing fittings can be divided into two different categories: sealing fittings and sealing bushing. The sealing fittings prevent gases, vapours or flames from spreading through the system of pipes in the electrical system. Such products can be divided into:

**EYS** vertical sealing fitting;

**EZS** horizontal sealing fitting;

**EYD** vertical sealing fitting complete of drain valve to breath a possible condensation developed inside the pipes;

The multicable sealing bushings are suitable to be assembled on junction boxes, electrical motors, panel boards and other electrical devices built in accordance to the Ex d IIC method of protection.

The standard sealing bushings are:

**TP** threaded sealing bushing;

**CP** sealing bushing with cylindrical joint;

**NPS** sealing nipple.

The **ECD** drain and breather valves are used both on our EYD and EZD series sealing fittings and in any type of equipment for draining the inner condensation or for breathing out possible inner vapours.

### CRV420 sealing compound

Two-component polyurethan resin for sealing bushing and sealing fittings

CRV 420 resin is an exclusive Elfit product. Its chemical composition has been improved after countless sealing tests, made in collaboration with CESI laboratory. CRV 420 resin has been certified along with the sealing fittings type EYS and EZS, so they need to be sold together and never separated. Sealings have to be made perfectly, in order to block the passage of gases, vapours or flames through pipes systems.



Ambient Temp.:

-20°C +100°C

Dimensions	Quantity of resin for each sealing fitting	
	EYS/EYD quantity of resin	EZS/EZD quantity of resin
½"	35 g	140 g
¾"	50 g	140 g
1"	100 g	140 g
1 ¼"	240 g	390 g
1 ½"	240 g	390 g
2"	380 g	570 g
2 ½"	1250 g	1000 g
3"	1250 g	1000 g

### SELECTION TABLE OF RESIN PACKAGE

Code	Component A	Component B
CRV420/100	100 g	20 g
CRV420/300	300 g	60 g
CRV420/400	400 g	80 g
CRV420/1000	1000 g	200 g

For further details about the resin compound preparation and safety information, look the instructions supplied with CRV420 resin.

**PREPARATION OF THE RESIN COMPOUND**

**Characteristics**

Polyuretan black resin (after mixing the two components)  
 Hardening time: around 4 hours  
 Cathalizing time: 24 hours  
 Code: CRV 420

**RESIN (Component A)**

- Black compound
- Code: CRV420H71
- Mixing ratio: 100%

**CATALYST AGENT (Component B)**

- Brown compound
- Code: CRV420H72
- Mixing ratio: 25%

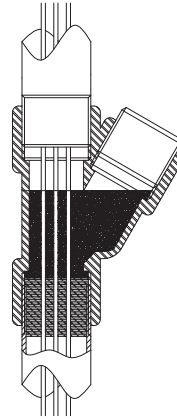
**Ratio of compounds to be mixed**

Ratio 100g (Compound A) with 20g (Compound B)  
 when ready to be used

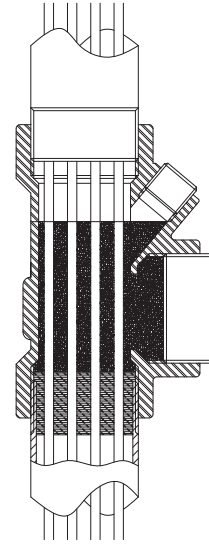
**Time of use for the mixed up compound**

- Ambient temperature equal to 20°C within 30 minutes from the mixing
- Ambient temperature of 15°C within 45 minutes from the mixing

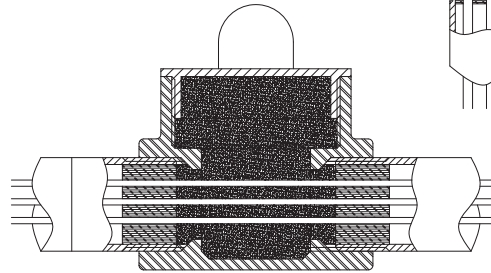
EYS - EYD



EYS - EYD



EZS



**FV... Glass fiber**

The glass fiber is inserted within sealing fittings to avoid that the sealing resin runs into the underlying connection pipe.



SELECTION TABLE OF GLASS FIBER	
Code	Weight
FV-1	250 g
FV-5	500 g
FV-10	1000 g

