

## 8.9 Polyurethane foams

### 8.9.1 PUR CEGA foam-bags and foam-kits (bottled)

CEGA break-bulked PUR foams in multilayer plastic bags providing an anti-diffusion barrier or in bottles in pairs are factory sets containing liquid components that, after mixing with each other and pouring into the joint, fill it completely, creating PUR insulation. Both components (polyol A and isocyanate B) are packed in volumes that secure the right mixing ratio in order to properly fill the joint.

**CEGA foam-bags** and **foam-kits** (bottled) in pairs meet the requirements of PN-EN 489: 2020

**PUR foams-bags** are delivered in polystyrene insulation boxes, in which storage instruction and guide of proper PUR doses selection for particular junction are placed.



The scheme of PUR doses standardization for foam-bags and foam-kits (bottled) is specified in below table:

Foam-bag or foam-kit number	Quantity per styrobox [pcs]	Total volume [L]
0	20	0,17
0,5	20	0,23
1	20	0,32
2	20	0,40
3	18	0,50
4	16	0,60
5	14	0,75
6	12	0,90
7	12	1,10
8	10	1,30
9	7	1,50
10	7	2,00
11	7	2,50
12	7	3,00
13	5	3,50
14	3	4,50
15	3	5,00

In case of lack of a proper foam-bag for a given junction, it can be replaced by replacements composed of several other bags, as shown in the table below foam-bag Nw:

Foam-bag or foam-kit (bottled) number	Replacements of foam-bag number
1	2x0
2	0+0,5
3	0+1
4	0,5+2
5	0+4
6	1+4 ; 2+3
7	0,5+6 ; 3+4
8	0,5+7 ; 2+6
9	2x5 ; 2+7 ; 4+6
10	3+9 ; 6+7
11	3+10
12	2x9 ; 3+11
13	3+12 ; 9+10
14	3x9 ; 9+12 ; 10+11 ; 3+2x10
15	2x11 ; 3+14 ; 9+13 ; 10+12 ; 2x9+10