

HSE PRODUCT PROFILE: HVU2 (01)

Part 1 & 2



The HVU2 Adhesive Capsule is a heavy duty, two component foil capsule anchor that fits to hard jobsite conditions. It has a high loading capacity with a small edge design and anchor spacing allowance. It has excellent resistance both in cracked and uncracked concrete, in diamond cored holes and in freezing and thawing conditions.

Criteria	Values
Product Carbon Footprint [GWP 100 years kg CO2 eq.] (acc. to ISO 14040/44; CML 2001)	See following pages
Ozone Depleting Potential (ODP, catalytic value) [kg R11 eq.] (acc. to ISO 14040/44; CML 2001)	See following pages
Environmental Product Declaration (EPD) available	Not available
Free of Halogens (acc. to Supplier Declaration)	Yes
Free of Methylene Diphenyl Diisocyanate (MDI) (acc. to Supplier Declaration)	Yes
Free of Phthalates (acc. to Supplier Declaration)	No
Free of Styrene (acc. to Supplier Declaration)	Yes
REACH, PAH, RoHS conformity (acc. to Supplier Declaration)	Yes
VOC ISO 16000-6	30 g/L; SCAQMD method 304-91, Rule 1168. Test date May 2017.
VOC CDPH v1.1	CDPH/EHLB/Standard Method V1.2. (January 2017) passed. Test date May 2017.
Manufacturing location / Country of origin	Germany
Recycled content (pre & post -consumer) (acc. to Supplier Declaration)	N/A
Recycling of packaging	Yes
Reuse of materials/ convertibility	N/A
End of life status	No waste at all; foil remains in borehole after setting.
Footnote	10, 20, 150, 300 or 400 items in a sales pack. For further information see following page.

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PART 1

Adhesive capsule HVU2 M8x80 - 20 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
0,420	0,005	0,000	0,412	0,055
Total CO ₂ :		0,893 kg		

Ozone Depletion Potential [kg R11 -eq.]
3,08E-08 kg

Adhesive capsule HVU2 M10x90 - 20 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
0,692	0,007	0,000	0,641	0,082
Total CO ₂ :		1,422 kg		

Ozone Depletion Potential [kg R11 -eq.]
4,51E-08 kg

Adhesive capsule HVU2 M12x110 - 20 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
1,211	0,009	0,000	1,091	0,137
Total CO ₂ :		2,449 kg		

Ozone Depletion Potential [kg R11 -eq.]
7,51E-08 kg

Adhesive capsule HVU2 M16x125 - 20 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
1,792	0,011	0,000	1,582	0,195
Total CO ₂ :		3,580 kg		

Ozone Depletion Potential [kg R11 -eq.]
1,06E-07 kg

Adhesive capsule HVU2 M20x170 - 10 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
1,738	0,008	0,000	1,550	0,191
Total CO ₂ :		3,487 kg		

Ozone Depletion Potential [kg R11 -eq.]
1,05E-07 kg

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HSE PRODUCT PROFILE: HVU2 (01) PART 1

Adhesive capsule HVU2 M8x80 BULK - 400 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
8,901	0,106	0,000	7,504	0,901
Total CO ₂ :		17,412 kg		

Ozone Depletion Potential [kg R11 -eq.]
4,68E-07 kg

Adhesive capsule HVU2 M10x90 BULK - 300 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
10,746	0,108	0,000	9,062	1,086
Total CO ₂ :		21,001 kg		

Ozone Depletion Potential [kg R11 -eq.]
5,68E-07 kg

Adhesive capsule HVU2 M12x110 BULK - 300 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
18,622	0,137	0,000	15,691	1,874
Total CO ₂ :		36,325 kg		

Ozone Depletion Potential [kg R11 -eq.]
9,93E-07 kg

Adhesive capsule HVU2 M16x125 BULK - 300 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
27,329	0,167	0,000	23,054	2,750
Total CO ₂ :		53,300 kg		

Ozone Depletion Potential [kg R11 -eq.]
1,46E-06 kg

Adhesive capsule HVU2 M20x170 BULK - 150 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
26,530	0,121	0,000	22,551	2,687
Total CO ₂ :		51,890 kg		

Ozone Depletion Potential [kg R11 -eq.]
1,44E-06 kg

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PART 2

HVU2 M24x210 - 5 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
1,857	0,009	0,000	1,713	0,212
Total CO ₂ :		3,790kg		

Ozone Depletion Potential [kg R11 -eq.]
1,17E-07 kg

HVU2 M27x240 - 4 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
1,698	0,007	0,000	1,575	0,195
Total CO ₂ :		3,475kg		

Ozone Depletion Potential [kg R11 -eq.]
1,08E-07 kg

HVU2 M30x270 - 4 items in sales pack

Material	Production	Use	End of life	Transportation
Global Warming Potential (GWP 100 Years) [kg CO ₂ -eq.]				
2,809	0,010	0,000	2,544	0,310
Total CO ₂ :		5,673kg		

Ozone Depletion Potential [kg R11 -eq.]
1,70E-07 kg

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