



PRODUCT NAME

Alutrix FR®

ALUTRIX® FR is a vapour barrier membrane that is quick to install, self-adhesive and extremely resistant. They consist of a reinforced aluminium material with a self-adhesive reverse side and detachable release film. It is particularly suitabl...

DECLARED UNIT

1 m²

GWP TOTAL (A1-3)

1.25 kg CO₂e

CORE INDICATORS

Indicator	Unit	A1-3	A4	A5	C1	C2	C3	C4	D
GWP-total	kg CO ₂ -eq.	1.25	0.04	1.35	0	1.55e-03	0.43	0.01	-0.22
GWP-fossil	kg CO ₂ -eq.	1.24	0.04	1.31	0	1.55e-03	0.43	0.01	-0.21
GWP-biogenic	kg CO ₂ -eq.	0.01	2.24e-05	0.03	0	7.79e-07	4.99e-05	1.45e-05	-5.64e-03
GWP-luluc	kg CO ₂ -eq.	2.57e-03	1.58e-05	1.26e-03	0	5.52e-07	4.49e-06	2.71e-07	-1.92e-04
ODP	kg CFC-11-Eq	5.48e-07	9.29e-10	1.04e-07	0	3.24e-11	1.42e-10	4.53e-11	-6.74e-09
AP	mol H ⁺ -Eq	5.24e-03	1.05e-04	5.45e-03	0	3.67e-06	6.69e-05	9.31e-06	-5.25e-04
EP-freshwater	kg P-Eq	2.57e-04	3.14e-06	3.62e-04	0	1.09e-07	1.62e-06	9.33e-08	-1.03e-04
EP-marine	kg N-Eq	1.02e-03	2.76e-05	9.46e-04	0	9.62e-07	2.85e-05	2.82e-04	-1.15e-04
EP-terrestrial	mol N-Eq	0.01	2.99e-04	9.80e-03	0	1.04e-05	2.80e-04	4.12e-05	-1.09e-03
POCP	kg NMVOC-Eq	0.01	1.83e-04	7.82e-03	0	6.37e-06	7.37e-05	1.86e-05	-7.11e-04
ADPE	kg Sb-Eq	2.21e-05	1.27e-07	2.02e-05	0	4.44e-09	4.57e-08	3.08e-09	-1.45e-06
ADPF	MJ, net calorific value	38.37	0.67	36.86	0	0.02	0.08	0.03	-4.52
WDP	m ³ world Eq deprived	0.32	3.36e-03	0.77	0	1.17e-04	0.02	2.23e-04	-0.07

GWP-total: Global Warming Potential - total **GWP-fossil:** Global warming potential - fossil **GWP-biogenic:** Global Warming Potential - biogenic **GWP-luluc:** Global Warming Potential - luluc **ODP:** Depletion potential of the stratospheric ozone layer **AP:** Acidification potential, Accumulated Exceedance **EP-freshwater:** Eutrophication potential - freshwater **EP-marine:** Eutrophication potential - marine **EP-terrestrial:** Eutrophication potential - terrestrial **POCP:** Photochemical Ozone Creation Potential **ADPE:** Abiotic depletion potential - non-fossil resources **ADPF:** Abiotic depletion potential - fossil resources **WDP:** Water (user) deprivation potential

SCOPE

Cradle to gate with options A4, A5, C1, C2, C3, C4 and D

PLANT LOCATION

DE02 DE05 in Waltershausen, Germany

REFERENCE YEAR

2024

LCA calculated according to ISO 14040 and ISO 14044.

This LCA is based on available data, methodologies, and assumptions at the time of the analysis. While every effort has been made to ensure accuracy, variations in regional practices, data availability, and operational changes may result in differences in actual emissions. Therefore, the results should be interpreted as indicative rather than absolute. The company assumes no legal liability or responsibility for any consequences that may arise from the use of this information.