

Application classes

Type I

Oil binder with particular suitability for use on bodies of water.

Type II

Oil binder for general use on land and small bodies of water.

Type III-R

Oil binder for special requirements, especially in trade and industry. Oil binder, which after use on oil-contaminated road surfaces and subsequent cleaning in accordance with the instructions for use ensures that the road surface has sufficient grip again, especially in wet conditions.

LTwS-Nr. 27 Typ IV

DWA-A 716

In addition, Loose Fiber® fully meets the requirements of the new DWA-A 716 test guideline for binding agents and has been approved for all areas:

„R“ – Road
„W“ – Water
LTwS-Nr. 27 Typ IV



Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages



Product Data Sheet

Loose Fiber®

ABSOLUTELY ORGANIC

- a modified organic synthesised collagen fibre
 - free from artificial additives
- free from microplastics
- free from diatomaceous earth dust, which is harmful to the lungs
- free from mineral oil-based additives
- non-toxic for humans, nature and the environment
- non-flammable and non-explosive according to BZ 2 DIN17077
- fully biodegradable
- from EMAS-certified production
- does not leave any contamination of soil, water or groundwater
- TOC content after application 1% - water purity at 99%

ABSOLUTELY EFFICIENT

- works immediately and completely absorbs spilled substances in a few seconds.
- For all media and chemicals containing hydrocarbons
- does not bind water, so that only the pure leakage is removed
- can be gathered up again easily and without leaving any residue
- binds all hydrocarbon-based substances
- for Type I, Type II, Type III-R, and Type IV application areas
- Approvals DWA-A 716-10 "W" – Type IV, DWA-A 716-16 "R", LTwS-No. 27
- approved by DEKRA, MPA and Hygiene Institute
- can be disposed of cost-effectively due to its low dead weight
- can be incinerated

ABSOLUTELY EFFECTIVE

- 1 pallet of Loose Fiber® binds up to 2,000 litres of leakage and makes hazardous areas usable again in the shortest possible time
- has a degree of absorption of up to 100%
- absorbs up to 8 times its own weight
- is extremely light, very economical and easy to handle
- permanently binds absorbed substances and does not release them again even under high pressure
- can be used on water

ABSOLUTELY VERSATILE

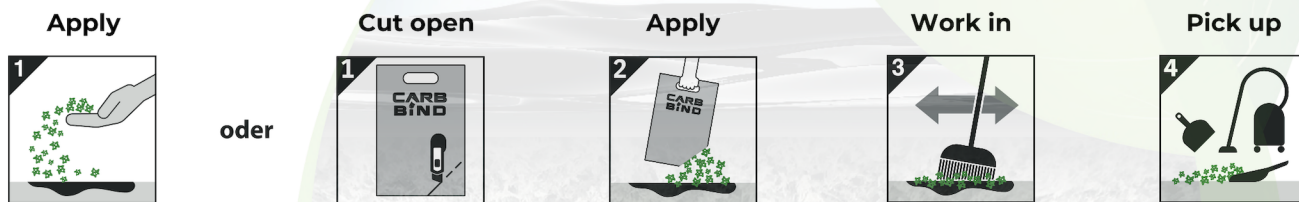
available in various application-specific versions and container sizes



Criterion	CARBBIND Loose Fiber Bag	CARBBIND Loose Fiber RED Bag	CARBBIND Loose Fiber Bucket	CARBBIND Loose Fiber RED Pouring Box
Filling material	CARBBIND Loose Fiber®	CARBBIND Loose Fiber® RED	CARBBIND Loose Fiber®	CARBBIND Loose Fiber® RED
Filling quantity in kg	3,0 kg	6,0 kg	1,5 kg	1,0 kg
Absorption capacity	ca. 15,0 – 24,0 l	ca. 24,0 - 38,0 l	ca. 7,5 - 12,0 l	ca. 4,0 – 7,0 l
Absorption performance*	1 kg of Loose Fiber binds up to 5-8 times its own weight			
Absorption speed	2 – 3 seconds			
Buoyancy	at least 3 days (depending on operational conditions)			
Flammability	BZ 2 according to DIN17077 (brief burning, rapid extinguishing): BG tested			
Explosion hazard	non-explosive according to EN ISO 80079-20-2: BG tested			
Restoration of grip	96% of original grip on roads and industrial floors			
Article number	CBXLF201	CBXLF202	CBXLF203	CBXLF204

*CARBBIND Loose Fiber® consists 100% of a modified organic synthesized collagen fibre - free of artificial additives. Minor fluctuations in some technical data may occur naturally.
The performance of CARBBIND Loose Fiber® depends on the substances to be absorbed - incorporated mechanical support may be necessary.

Application notes



Environmental compatibility

The occupational health and environmental safety has been tested by the Hygiene Institute of the Ruhr area.

The binding agent is 100% biologically degradable and has no negative impact on the environment; this means it is absolutely non-toxic for humans, animals and plants.

Disposal

Contaminated CARBBIND Loose Fiber® can be disposed of properly after use in accordance with the applicable waste legislation at low cost due to its low weight. CARBBIND Loose Fiber® has a very good calorific value and can therefore be incinerated without any problems.

Storage

CARBBIND Loose Fiber® should be stored in a dry place (LKG 11).
The shelf life of CARBBIND Loose Fiber® is at least 5 years.

Safety information

None; occupational health safety checked by the Hygiene Institute of the Ruhr Area

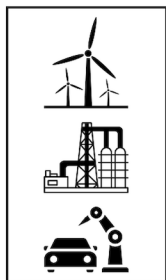


CARB BIND Bucket with handle

KG 1,5 L 7,5 - 12,0

10 litre plastic bucket with viewing window.
Filled with Loose Fiber®.

1 pallet (100 tubs) binds
up to 2,000 litres of leakage.



CARB BIND Bag with handle

KG 3,0 L 15,0 - 24,0

25 litre bag with viewing window.
White. Filled with Loose Fiber®.

1 pallet (80 bags) binds
up to 2,000 litres of leakage.



CARB BIND RED Bag with handle

KG 6,0 L 24,0 - 38,0

25 litre bag with viewing window.
White/red. Filled with Loose Fiber®.

1 pallet (80 bags) binds
up to 3,000 litres of leakage.



CARB BIND is a modified organic synthesised collagen fibre
– free from artificial additives–

Works immediately and completely absorbs spilled substances in a few seconds

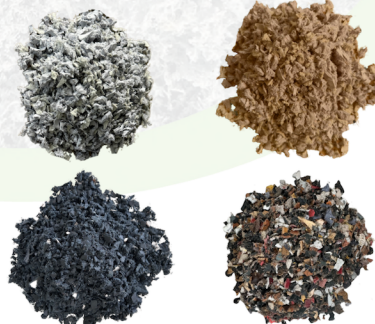
For all media and chemicals containing hydrocarbons

Permanently binds absorbed substances and does not release them again even under high pressure

LOOSE FIBER®

LOOSE FIBER® RED

TOC content after application 1% - water purity at 99%



Non-flammable and non-explosive according to BZ 2 DIN17077

Free from diatomaceous earth dust, which is harmful to the lungs

Free from mineral oil based additives and microplastics

Approved by DEKRA, MPA and Hygiene Institute

Approvals
DWA-A 716-10 "W", DWA-A 716-16 "R", LTWS-No. 27

Areas of application
Type I, Type II, Type III-R, and Type IV



Application submitted for EMAS certification



Application submitted for Blue Angel



Ökotexlabel in the works



POWERED BY
LOOSE FIBER®



MADE IN
GERMANY



CERTIFIED BY
DEKRA & MPA