

Chemical resistance certificate

Applicable to all types of Collapsible Spill Bunds, Funnels and Protective Liners.

Resistance levels:

- A resistant
- B resistant for at least 3 hours
- C non-resistant



NAME OF SUBSTANCE	CHEMICAL FORMULA	RESISTANCE LEVEL AT THE TEMPERATURE OF 20 °C	RESISTANCE LEVEL AT THE TEMPERATURE OF 60 °C
LIQUID SUBSTANCES			
Acetone	CH ₃ COCH ₃	C	C
Acetonitrile	CH ₃ CN	A	A
Ammonia	NH ₃	A	A
Benzene	C ₆ H ₆	B	B
Tar	mixture	C	C
Dimethylformamide	C ₃ H ₇ NO	A	A
Ethanol	C ₂ H ₅ OH	A	A
Ethylbenzene	C ₈ H ₁₀	A	A
Formaldehyde	CH ₂ O	B	B
Chlorine	Cl ₂	C	C
Chloroform	CHCl ₃	C	C
Transformer oil		A	A
Hydrochloric acid	HCl	A	A
Nitric acid	HNO ₃	A	B
Phosphoric acid	H ₃ PO ₄	A	B
Formic acid	HCOOH	B	B
Acetic acid	CH ₃ COOH	A	B
Sulphuric acid	H ₂ SO ₄	A	B
Sulphurous acid	H ₂ SO ₃	A	B
Methanol	CH ₃ OH	A	A
Mercury	Hg	A	A
Hydrogen sulphide	H ₂ S	A	B
Styrene	C ₈ H ₈	A	A
Pentane	C ₅ H ₁₂	A	A
Toluene	C ₆ H ₅ CH ₃	A	A
Hydrogen peroxide	H ₂ O ₂	A	A
SOLID SUBSTANCES			
Ammonium acetate	CH ₃ COONH ₄	A	A
Borax	Na ₂ [B ₃ O ₆ (OH) ₄]-8H ₂ O	A	A
Sugar	mixture	A	A
Potassium cyanide	KCN	A	A
Ammonium nitrate	NH ₄ NO ₃	A	A
Calcium nitrate	Ca(NO ₃) ₂	A	A
Phenol	C ₆ H ₅ OH	B	B
Ammonium phosphate	(NH ₄) ₃ PO ₄	A	A
Potassium nitrate	KNO ₃	A	A
Potassium	KOH	A	A
Sodium hydroxide	NaOH	A	A
Ammonium chloride	NH ₄ Cl	A	A

ECCOTARP COLLAPSIBLE SPILL BUNDS



Notice:

ECCOTARP collapsible spill bunds are compatible to varying degrees with the substances listed above.

However, given the almost unlimited number of potential combinations of chemicals plus the influence of factors such as concentration and temperature, this list does not claim to be definitive and is only intended for informative purposes in predicting the behaviour of the chemicals concerned.

Compatibility with the listed substances cannot be entirely guaranteed. Neither the manufacturer nor the distributor provides any warranty, nor do they accept any responsibility for resultant damage.

For a reliable estimate of the level of resistance to a specific substance, we recommend you to test small samples using miniature laboratory funnels which can be provided upon request by the manufacturer. Given that it is not always possible to identify and assess the nature of corrosive substances, the manufacturer recommends using the Eccotarp protective liner.



The ECCOTARP collapsible spill bunds are not intended for long-term storage of retrieved spilt liquids. They were developed first and foremost for rapid use in emergencies, for capturing hazardous substances during the time immediately before its correct disposal.

Development
and
Production

metal arsenal

Metal Arsenal s.r.o.
Owner of Eccotarp
trade mark

Poděbradova 1920
289 22 Lysá nad Labem
Czech Republic

T +420 722 777 443
T +420 737 802 153
T +420 777 472 640

E info@eccotarp.com
www.eccotarp.com

ECCOTARP collapsible spill bunds are especially suitable for quick response to accidents whenever there is a threat from leaking liquids or other contaminants. Made of flexible material, the ECCOTARP spill bunds are **portable** and **lightweight, collapsible**, adaptable to any obstacle and uneven ground. **Resistant** to the effects of oil-based products and chemicals, they are equally useful in factories, at airports, in agriculture and in forestry, in vehicles and ships, in transit warehouses and other areas. They give protection when machines break down or repairs are made while machines are running. The spill bunds are often used by fire-fighters and rescuers in emergencies, wherever the environment is threatened by leaks of hazardous substances into soil or water.



Notice

Please note that this product is not intended for long-term storage of retrieved spill liquids. They were developed first and foremost for rapid preventive use and emergencies. They are resistant to oil-based substances, acids and alkalis at temperatures between -30 °C and +70 °C.



Versions and sizes

The portable spill bund is produced in several sizes and versions. All bunds are rigid and self-supporting, the corners are fixed by yellow coated hooks.

1 Variant

The corners of the bund are sealed, which makes assembly easier. The side walls are stiffened by reinforcements. The fastening snap hooks at each end of the handling belts should pass through stainless steel hooks riveted to the upper rim of the bund. The steel cables are suitable for handling either by hand or by machine.



2 Variant CARGO

The corners are not sealed and so the tarp can easily fold around the pallet that can be handled afterwards by pallet-poolers and forklifts (system "sandwich form": lower pallet, bund, upper pallet inside). Bunds have lightweight reinforcements, function without steel cables and some of them have handling belts on the sides.



3 Variant LARGE surface

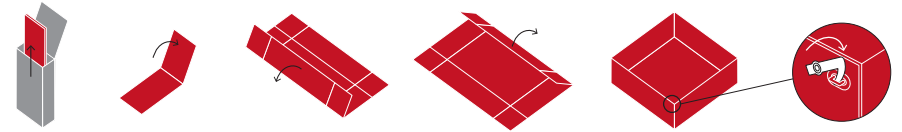
The corners are sealed. The long side walls are provided with fixed external supports. The fabric is thicker (900 g/m²). The bund is supplied with protective pad, under-wheel tracks and carry bag.



The use of the protective liner increases the resistance and the durability of the bund and makes disposal easier. Disposal of the materials contained in the protective liner and the liner itself should be carried out in the appropriate manner.

Assembling for use

First unfold the product. The flat tarp converts into a bund by putting up the walls and fastening the corners using the yellow hooks. The protective liner is fixed by metal clamps. The drawings on the side show how to dismantle and fold up the tarp.



Handling

- For assembly the spill bund should be placed on the flattest possible surface.
- Care should be taken to remove all sharp objects like glass, nails, sharp stones from the surface below.
- This product should be kept clear of fire or of other sources of heat.
- It is recommended to put the bund on a special protective pad and liner which are delivered as accessories.
- The bund should not be filled above the upper weld seam for safety's sake.
- The bund, when filled with liquid, should not be pushed or dragged across the ground

- as this can cause damage to the base of the bund. Any such damage is not covered by the manufacturer's warranty.
- When transporting the product in its filled state extra handling belts with fastening snap hooks should be used (also suitable for hanging the bund on a forklift truck). For lifting the bund the maximum permissible weight when filled is 200 kg and this limit should not be exceeded.
- Safety should be foremost when handling environmentally hazardous liquids and potentially dangerous materials. Please pay attention to safety instructions. Relevant legislation and user's internal company rules must be followed – e.g. use of protective devices and clothing.

Chemical compatibility

The collapsible ECCOTARP spill bund is resistant to the effects of liquids and loose materials listed in the Table of chemical resistance which is enclosed. For disposal of substances whose properties are not known you are recommended to use the protective liner, which enhances the safety and performance of the spill bund (delivered as accessory).



Maintenance and storage

After draining out the collected liquid the product must be cleaned with an appropriate neutralizing solution (for corrosive liquids) or with lukewarm water when possible or even with detergents when appropriate. Before storage the product must be thoroughly cleaned and dried. For long-term storage it is recommended to keep the bund in a dry place.

In case of accidental damage to the fabric it is necessary to return the product to the producer. A repair carried out by unqualified staff or design modification can affect the product's properties.

Disposal

Please follow the regulations and internal company rules on ecological disposal not only of the protective liner, but also of the bund.



Please do not hesitate to write to us on: info@eccotarp.com

We will answer all your questions. You can find further information on our www.eccotarp.com