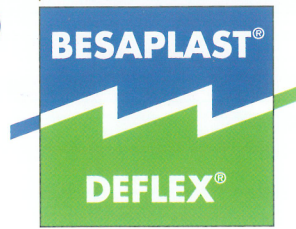
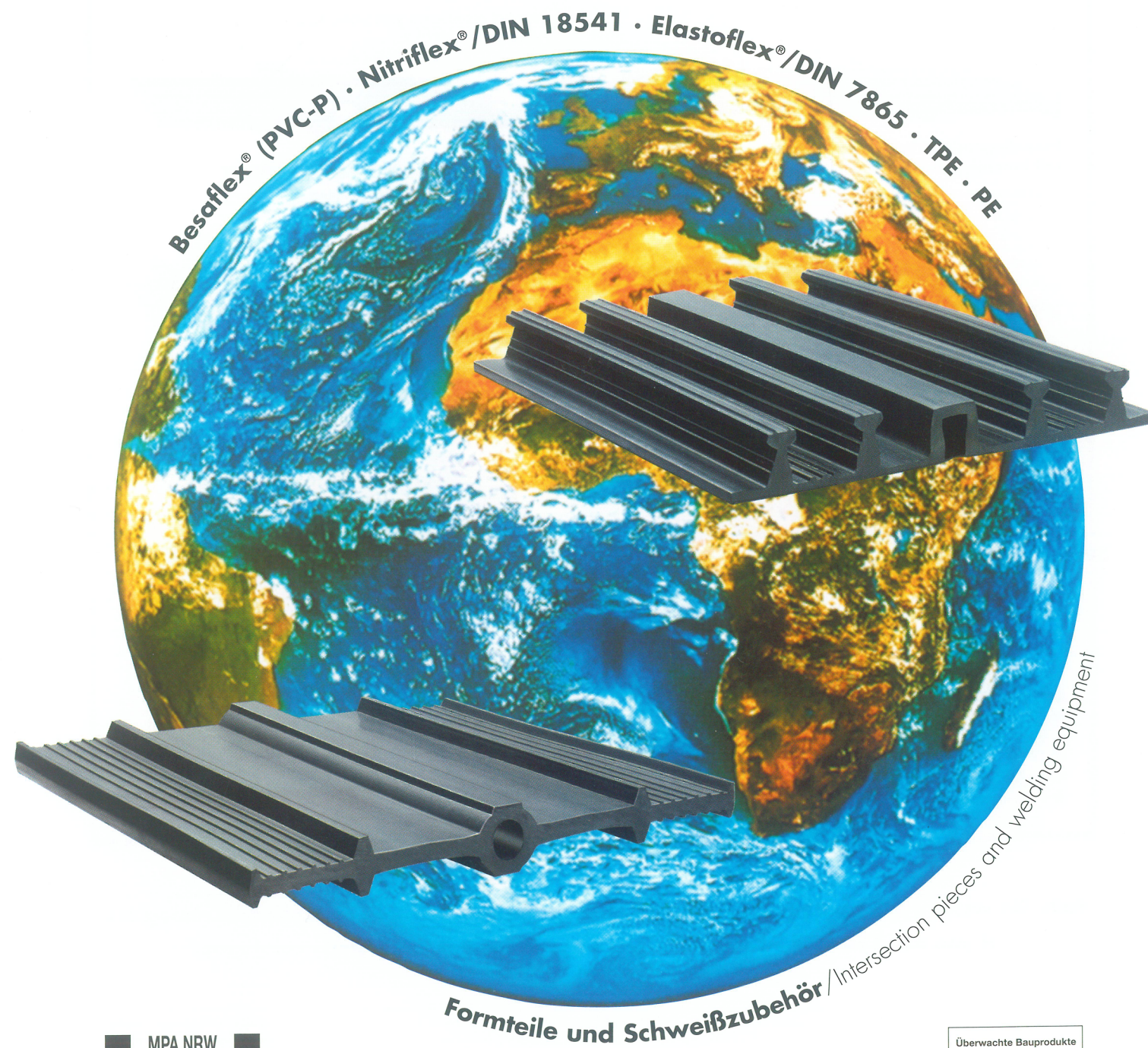


# BESAPLAST®



## FUGENBÄNDER • WATERSTOPS



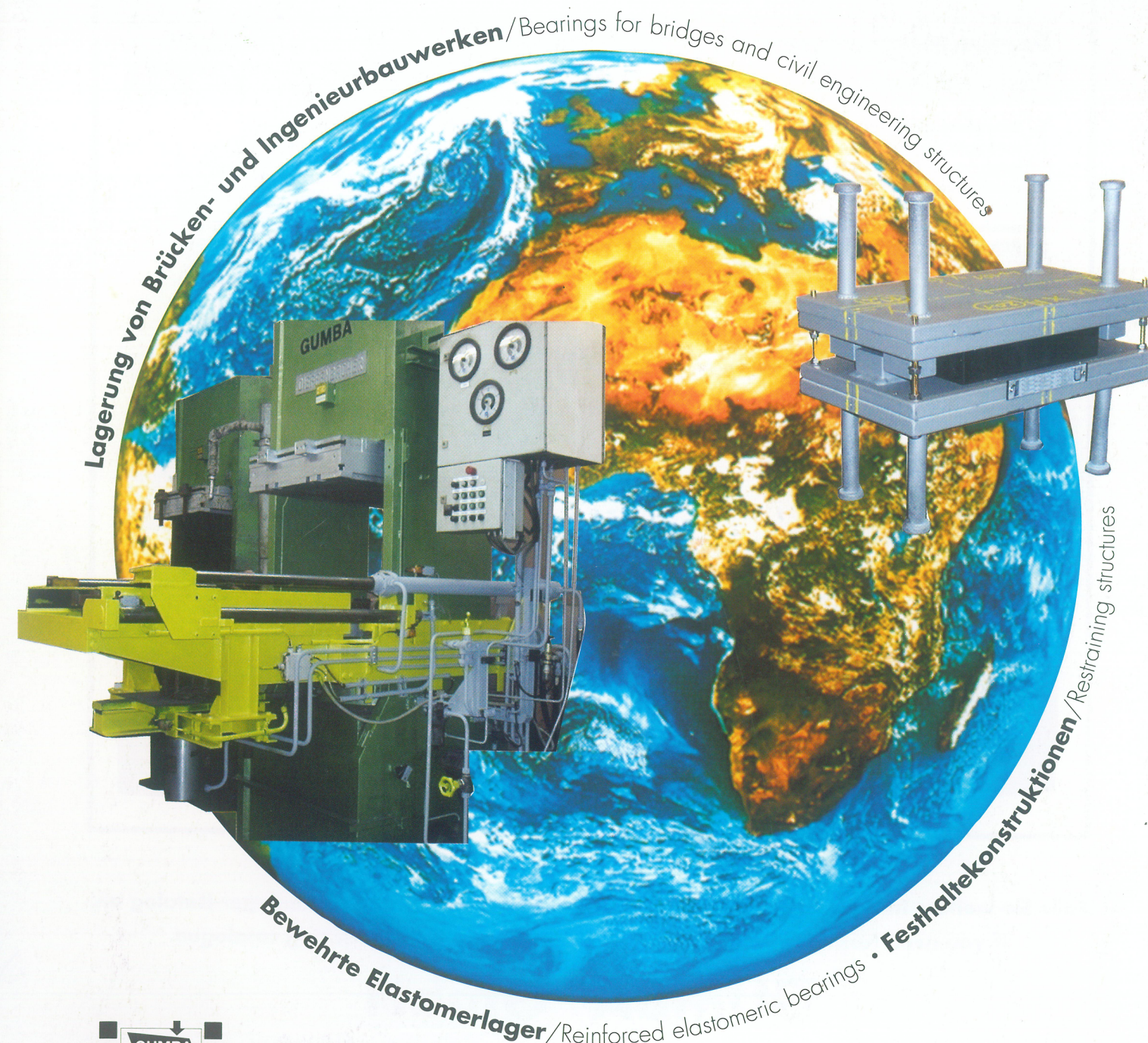
Formteile und Schweißzubehör / Intersection pieces and welding equipment



# GUMBA®



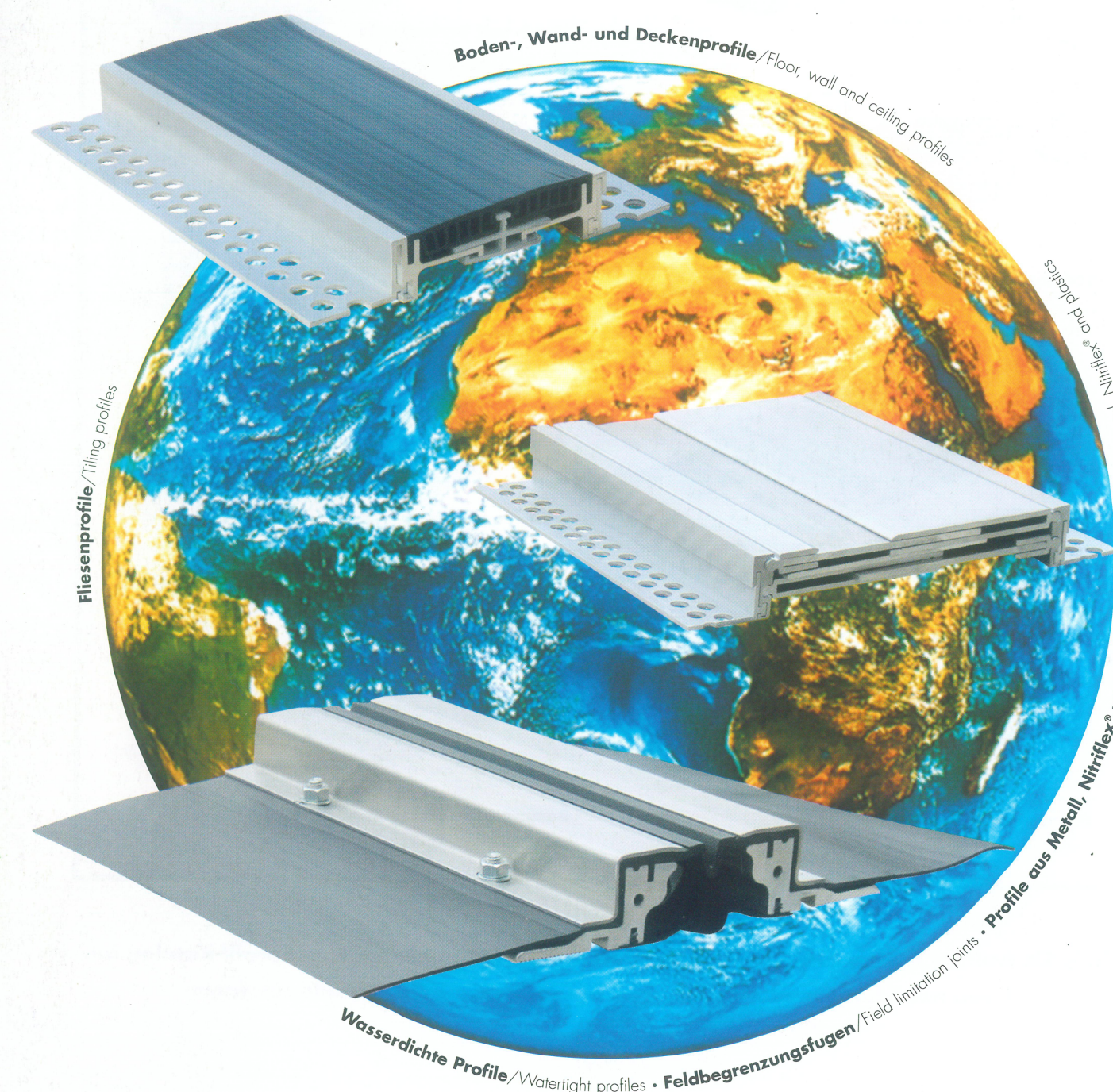
## BRÜCKENLAGER • BRIDGE BEARINGS



# DEFLEX®



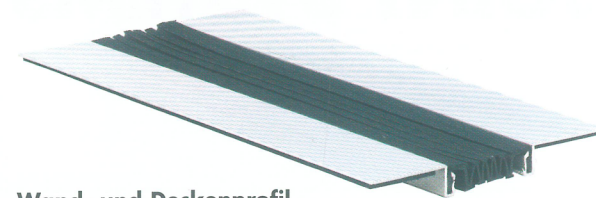
## FUGENSYSTEME • JOINT SYSTEMS



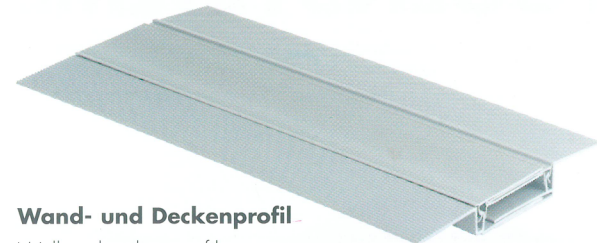


## Fugensysteme für Bewegungsfugen in Böden, Wänden und Decken

Joint systems for movements joints in floors, walls and ceilings



**Wand- und Deckenprofil**  
Wall and ceiling profile



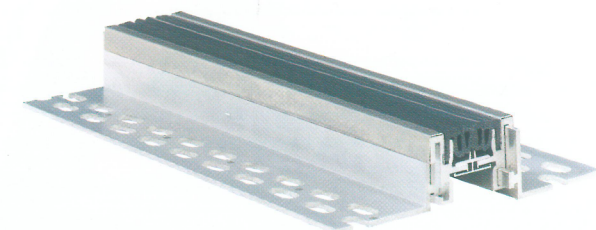
**Wand- und Deckenprofil**  
Wall and ceiling profile



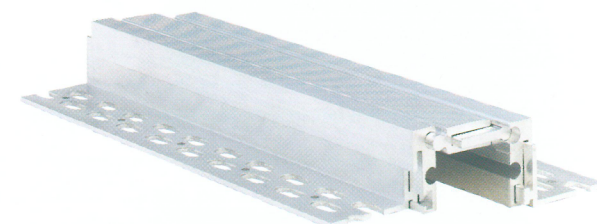
**Bodenprofil - Vollmetall -**  
Floor profile - all metal -



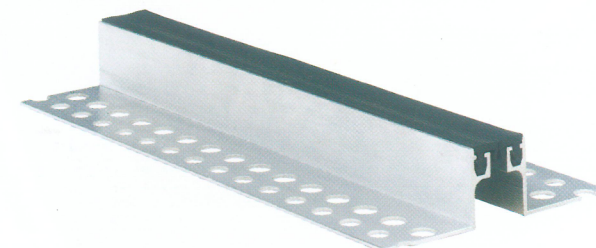
**Bodenprofil für Feldbegrenzungsfugen**  
Floor joint profile for field limitation joints



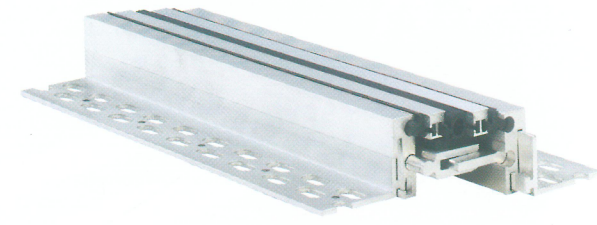
**Bodenprofil - Metall & Nitriflex® -**  
Floor profile - metal & Nitriflex® -



**Bodenprofil - Vollmetall -**  
Floor profile - all metal -



**Bodenprofil - Metall & Nitriflex® -**  
Floor profile - metal & Nitriflex® -

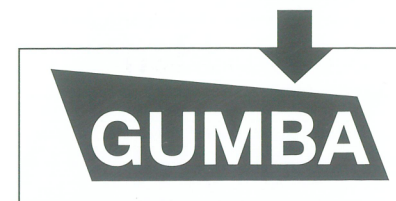


**Bodenprofil - Metall & Nitriflex® -**  
Floor profile - metal & Nitriflex® -

Falls Sie weitere Informationen benötigen, fordern Sie bitte unseren Fugenprofil-Katalog an.  
If you need further information, please send for our joint profile catalogue.

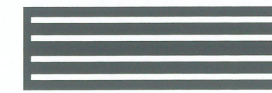
# DEFLEX®-FUGENSYSTEME GMBH

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TELEFON 0049/2 31/6 99 20 20 · TELEFAX 0049/2 31/63 10 38  
<http://www.deflex-fugensysteme.de> · email: [info@deflex-fugensysteme.de](mailto:info@deflex-fugensysteme.de)

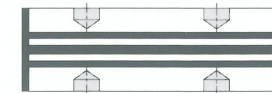


## Lagerung von Brücken- und Ingenieurbauwerken

Bearings for bridges and civil engineering structures



Gumba Typ 1



Gumba Typ 2a



Gumba Typ 1/2

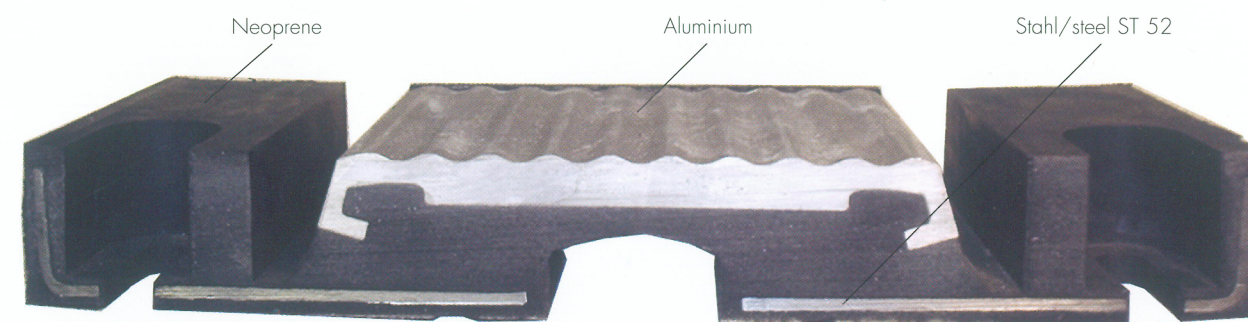


Gumba Typ 5

## Fertigungsprogramm Production Range

- Bewehrte Elastomerlager**  
Reinforced elastomeric bearings  
nach/as per DIN 4141, Teil/part 14/140
- Festhaltekonstruktionen**  
Restraining structures  
nach/as per DIN 4141, Teil/part 13
- Führungs- und Horizontalkraft-Lager**  
Guide bearings and horizontal load bearings
- Verformungsleitlager**  
Deformation slip bearings
- Justierlager**  
Adjustable bearings
- Zugkraftlager - Sonderkonstruktionen**  
Tensile force bearings - customized designs
- Taktschiebelager**  
Sliding bearings for incremental launching
- Montagelager**  
Assembly bearings
- Unbewehrte Elastomerlager**  
Non-reinforced elastomeric bearings
- Sonderkonstruktionen für die**  
Customized designs for
  - Schwingungslagerung von Maschinen
  - Sanierung von Brücken
  - Lagerung für die Feste Fahrbahn (DB)
  - machine vibration bearing systems
  - refurbishment of bridges
  - bearing systems for non-ballasted slab tracks (German Railways)

## Fahrbahnübergangskonstruktionen Bridge movement joints



Falls Sie weitere Informationen benötigen, fordern Sie bitte unseren Brückenlager-Katalog an.  
If you need further information, please send for our bridge bearing catalogue.

# GUMBA® GmbH

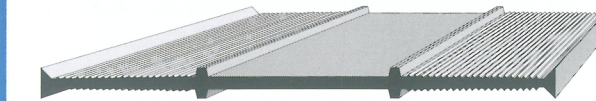
Hauptsitz/Head Office EINSTEINSTRASSE 15 · D-46325 BORKEN/GERMANY  
TELEFON 0049/2861/9439-0 · TELEFAX 0049/2861/9439-44  
Technische Abteilung/ Technical Department BAHNHOFSTRASSE 30 · D-85591 VATERSTETTEN/GERMANY  
TELEFON 0049/8106/24 65-0 · TELEFAX 0049/8106/24 65-10  
<http://www.gumba.de> · email: [info@gumba.de](mailto:info@gumba.de)



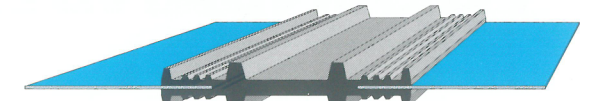
## Fugenbänder für den Betonbau

Waterstops for concrete structures

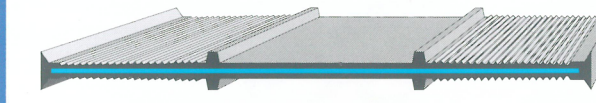
**Sonderprofile**  
Special-purpose profiles



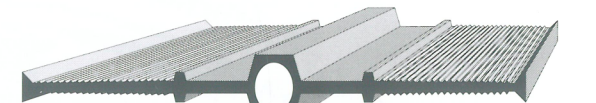
**Innenliegende Arbeitsfugenbänder**  
Internal construction joint waterstops



**Innenliegende Arbeitsfugenbänder mit seitlichen Stahllaschen**  
Internal construction joint waterstops with steel plates



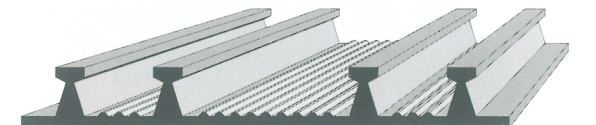
**Innenliegende Arbeitsfugenbänder mit innenliegender Stabilisierung**  
Internal construction joint waterstops with internal steel bar reinforcement



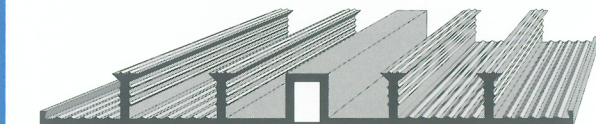
**Innenliegende Dehnungsfugenbänder**  
Internal expansion joint waterstops



**Innenliegende Dehnungsfugenbänder mit seitlichen Stahllaschen**  
Internal expansion joint waterstops with steel plates



**Außenliegende Arbeitsfugenbänder**  
External construction joint waterstops



**Außenliegende Dehnungsfugenbänder**  
External expansion joint waterstops



**Fugenabschlußbänder**  
Capping joints



**Fugenabschlußbänder**  
Capping joints

**Materialien/materials:**  
● Besaflex® (PVC-P)  
● Nitriflex® nach/to DIN 18541  
● Elastoflex® nach/to DIN 7865  
● TPE  
● Polyethylen (PE)  
● PVC-P nach/to BS

Falls Sie weitere Informationen benötigen, fordern Sie bitte unseren Fugenband-Katalog an.  
If you need further information, please send for our waterstops catalogue.

# BESAPLAST®-KUNSTSTOFFE GMBH

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