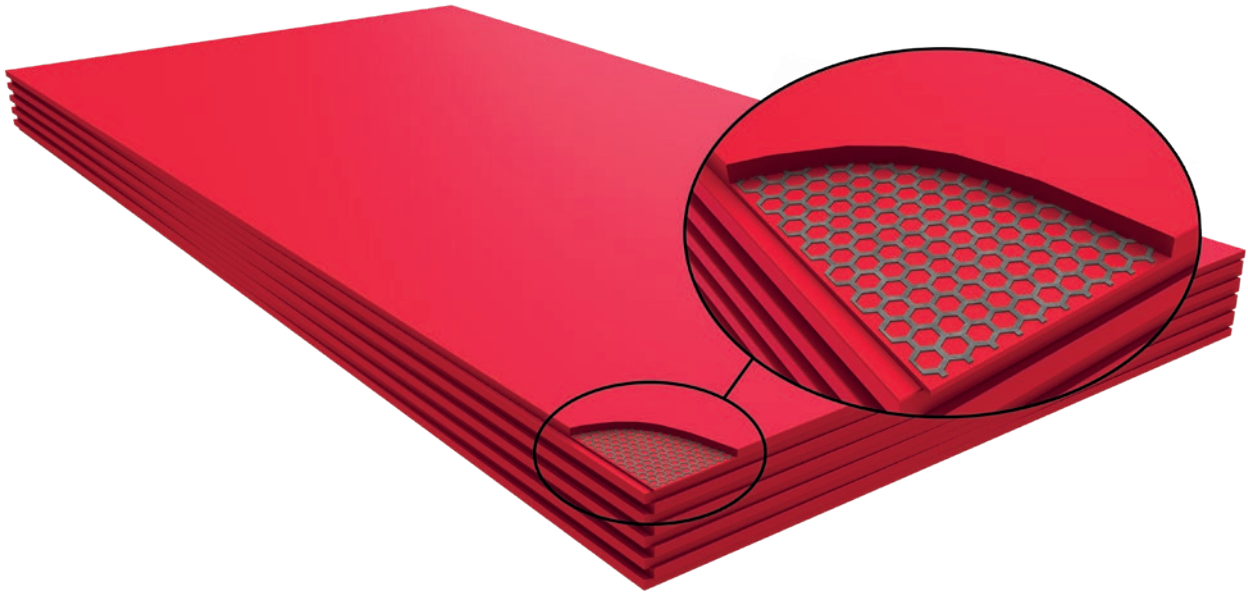


FLEX-PLATE

The flexible wear protection with special insert



- Easily formable
- Dimensionally stable
(without folding)
- Flexible

APPLICATION EXAMPLE

Reconstructed screw conveyor for slag sand and tuff in a slag sand dryer



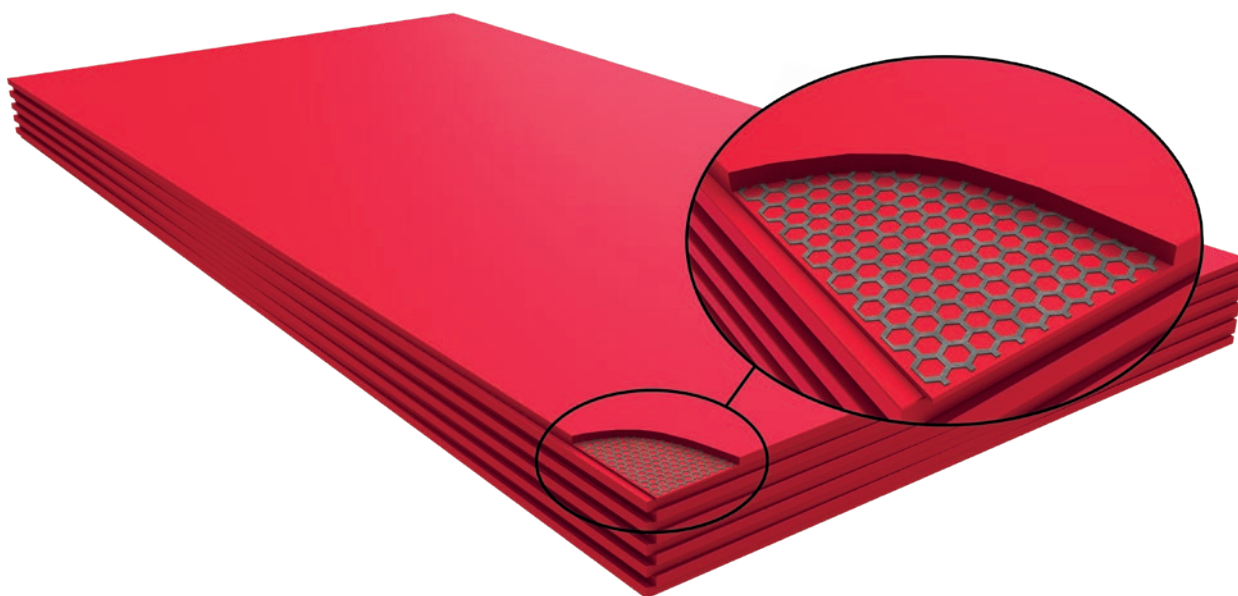
AFTER THE RECONSTRUCTION OF THE SCREW CONVEYORS TO PUCEST FLEX-PLATES:

- The wear at the screw shaft is lower
- The material does not get stuck at the hutch of the screw; therefore the screw does not swing anymore
- The screw conveyor has not to be cleaned
- Increased performance of approximately 20 %!!



MATERIAL VERSIONS

PUCEST Flex-Plate			
Total thickness (mm)	Thickness of hexagon perforated sheet (mm)	width (mm)	length (mm)
10	1,5	1000	2000
12	1,5	1000	2000
15	1,5	1000	2000



MATERIAL PROPERTIES

Degree of Hardness	DIN 53 505	ShoreA	55	65	85	TIX
Abrasion	DIN ISO 4649	mm ³	6,3	6,4	7,6	41,9
Tensile strength	DIN 53 504	N/mm ²	24,6	43,3	47,7	...
Tear prolongation resistance	DIN ISO 34-1	N/mm	18,7	20,8	25,1	...
Elongation at tear	DIN 53 504	%	623	564	475	225
Rebound Resilience	DIN 53 512	%	50	50	43	...
Temperature range	from -30 ° to 80 °, max. during short time up to 100 °					