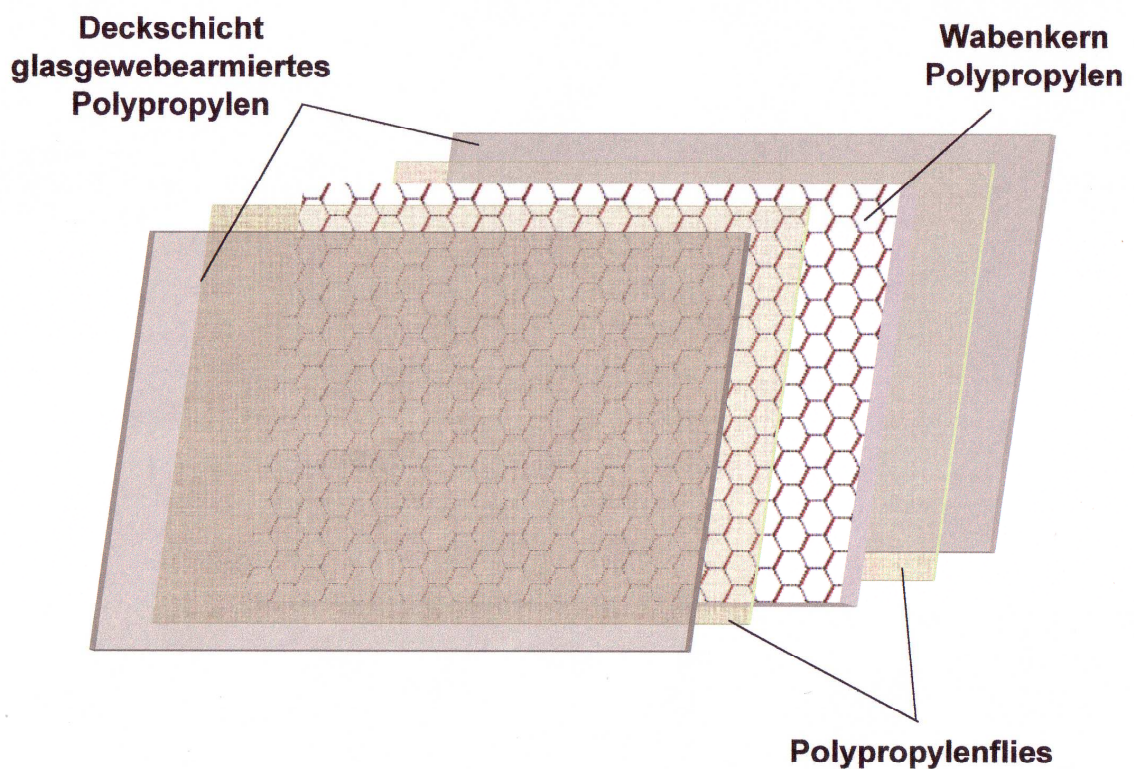
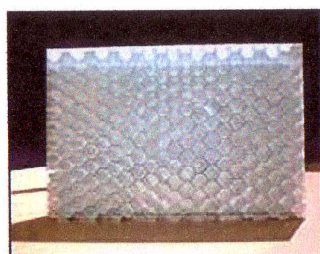
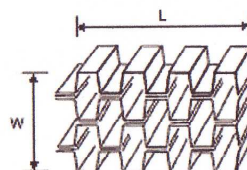
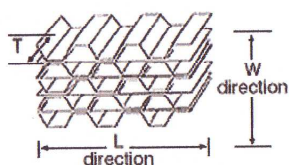
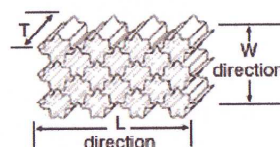
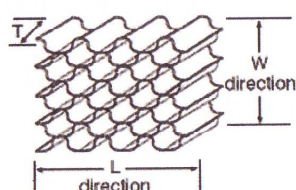
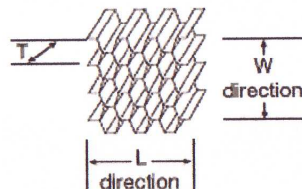
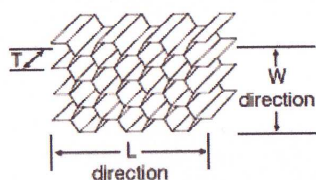


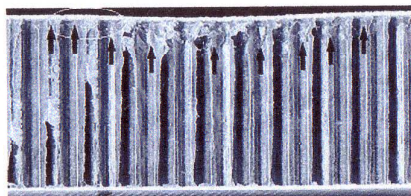
Materialsystem Sandwich Panel (Honeycomb) Verbundwerkstoff



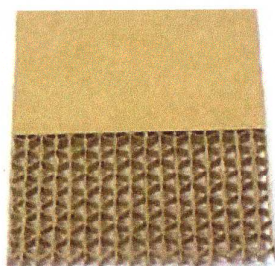
Waben Kernformen und Material



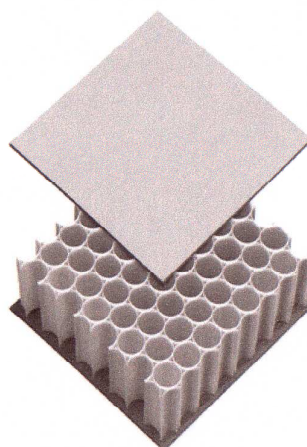
Polypropylen



Aluminium

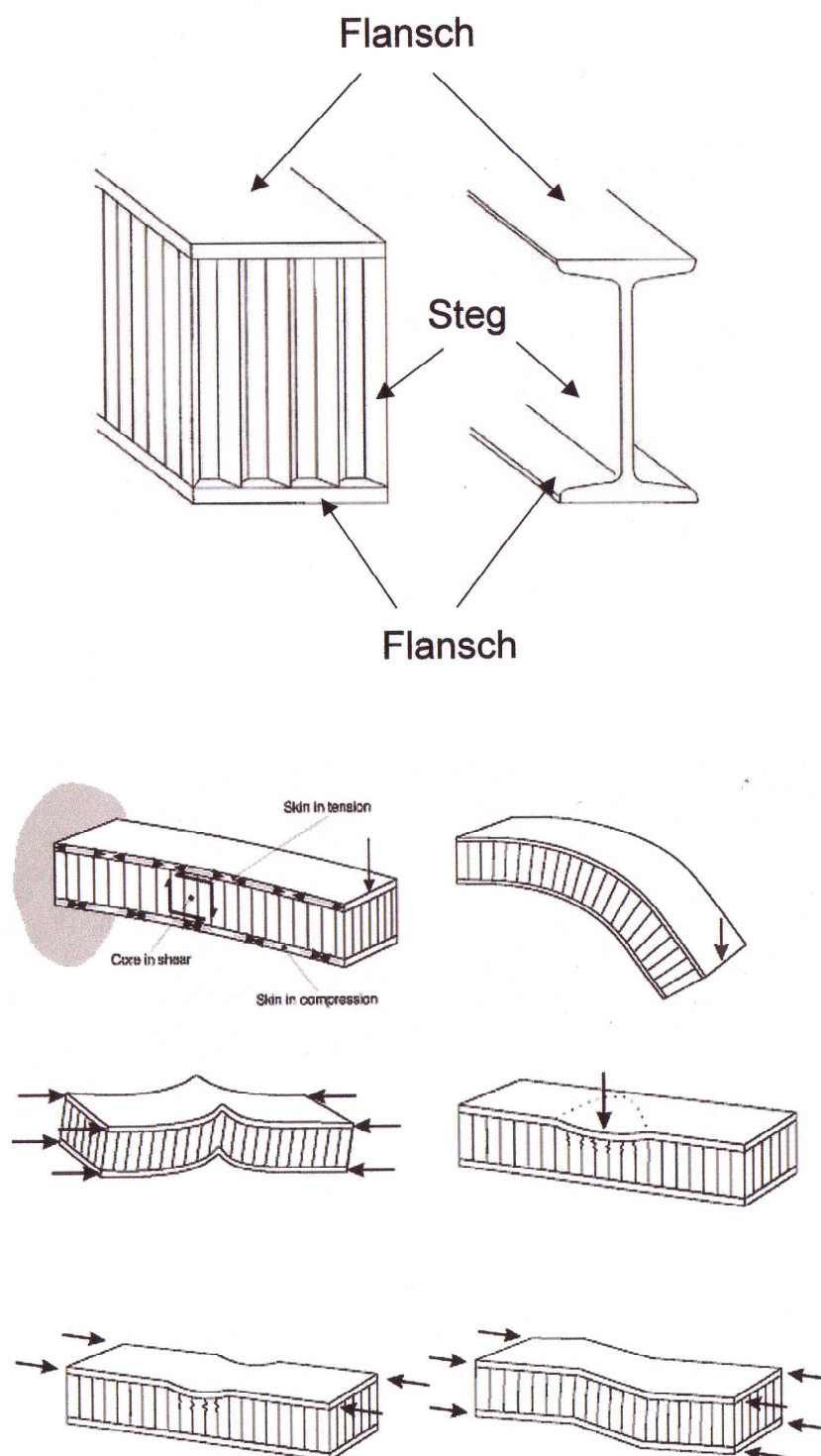


Karton

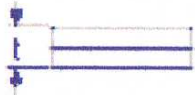
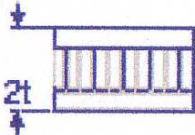
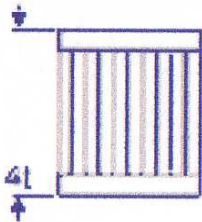


div. Kunststoffe

Belastungsfälle und Kraftverteilung im Sandwich-Panel

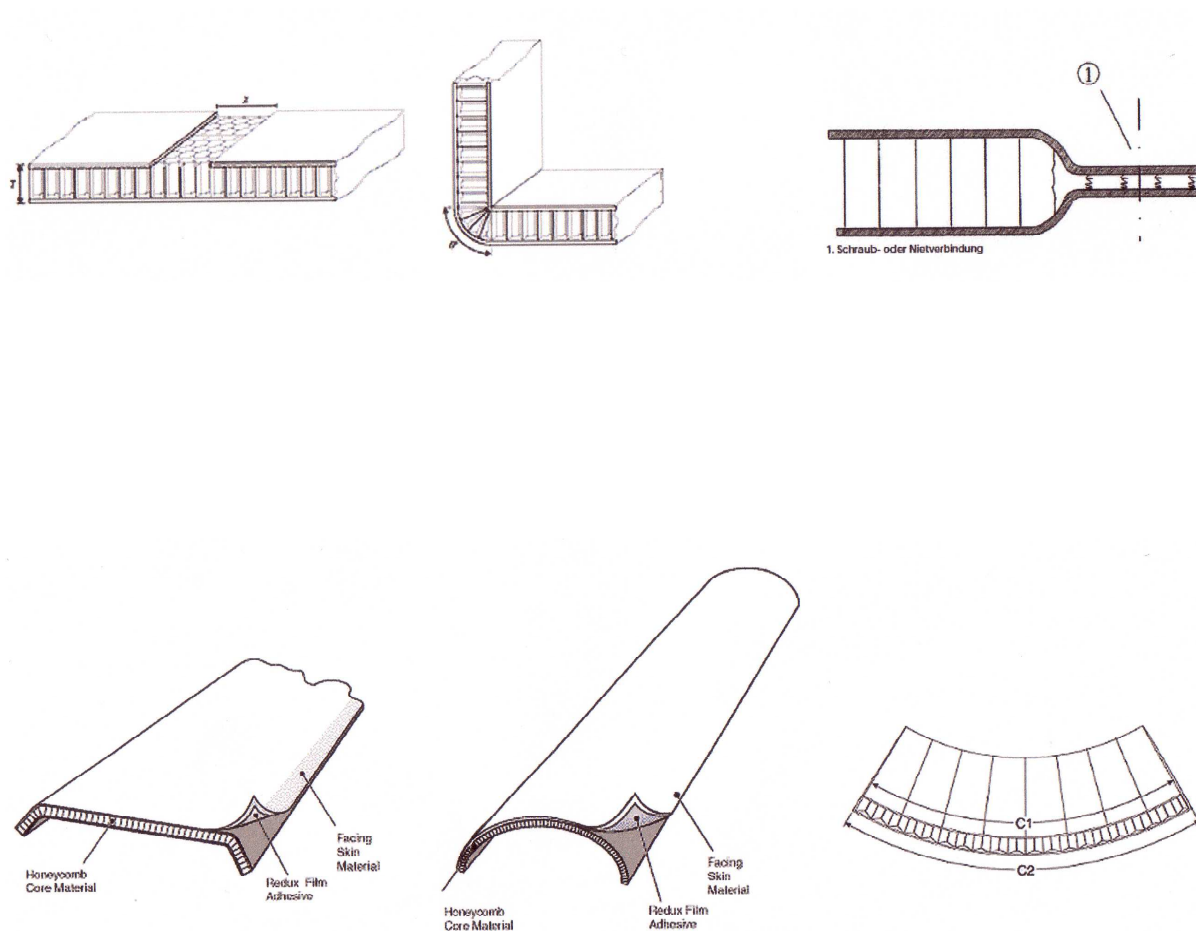


Sanwich Panel – Technische Eigenschaften

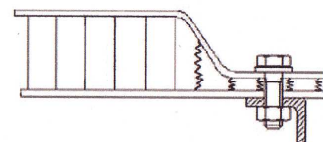
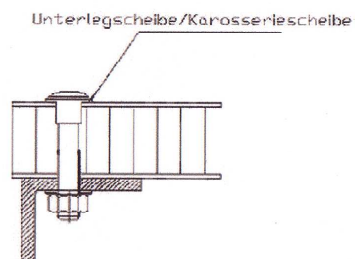
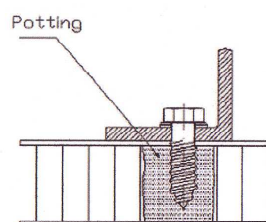
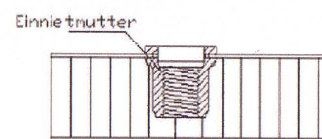
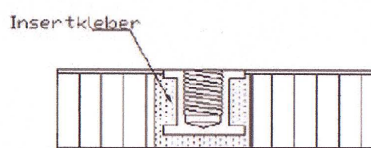
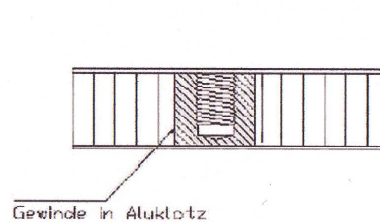
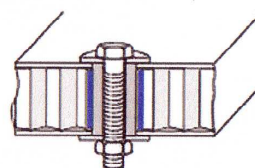
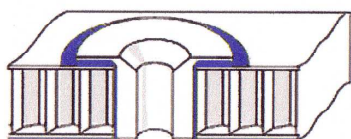
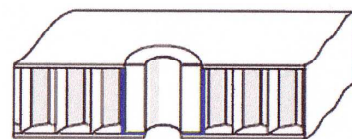
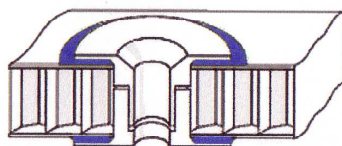
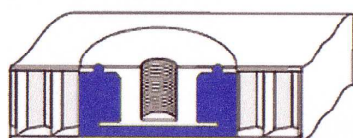
	Solid Material	Core Thickness t	Core Thickness $3t$
			
Stiffness	1.0	7.0	37.0
Flexural Strength	1.0	3.5	9.2
Weight	1.0	1.03	1.06

Leicht - hohes Rückstellvermögen - flexibel - hoch verwindungssteif - bruchfest - zug- und druckfest - thermisch isolierend - feuchtigkeitsresistent - pilzresistent - verrottungsfest - verschleißfest - hoher elektrischer Widerstand - schwimmfähig - leicht verarbeitbar - schweiß- und klebbar - recycelfähig -

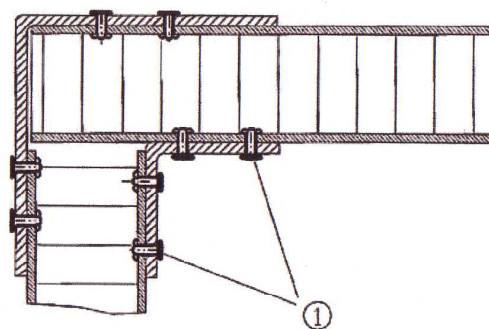
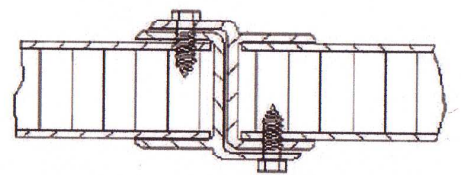
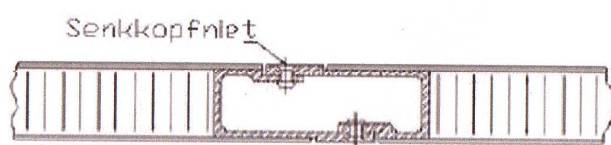
Verformung Sandwich-Panel



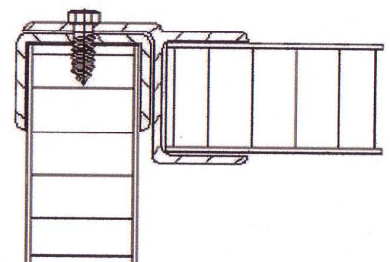
Schraubverbindungen Sandwich-Panel



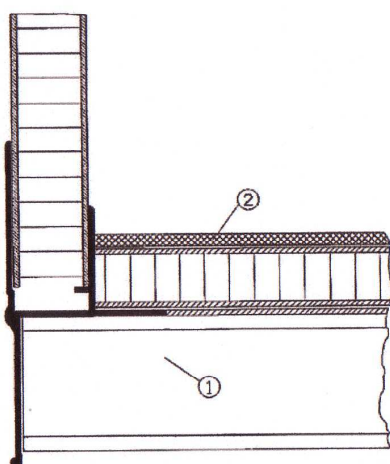
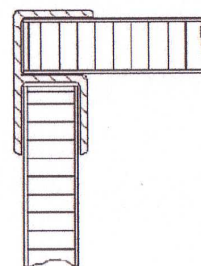
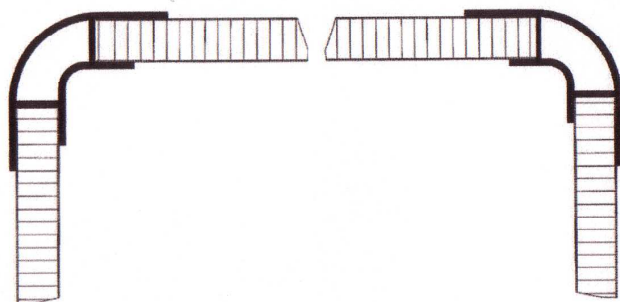
Niet- und Schraubverbindungen Sandwich-Panel



1. Spreizniet

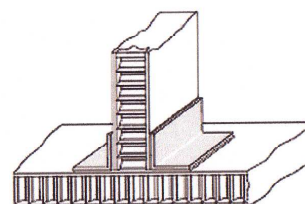
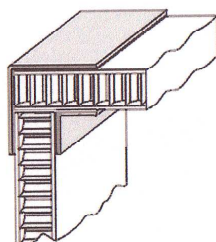
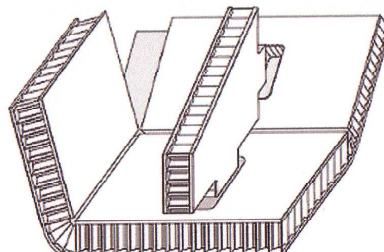
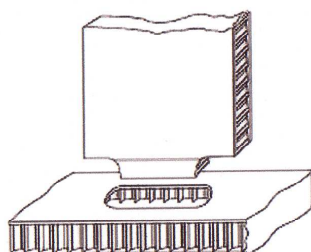
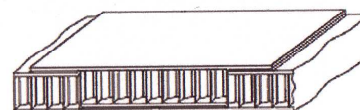
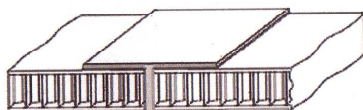
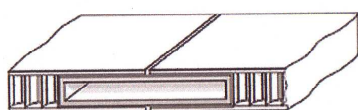


Eckverbindungen Sandwich-Panel

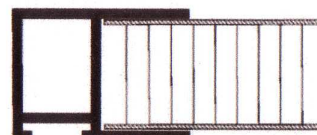
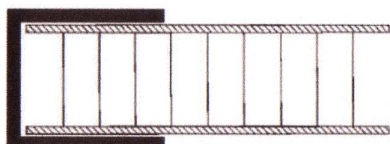
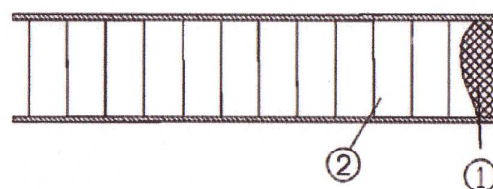
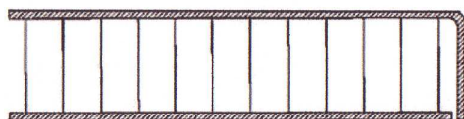
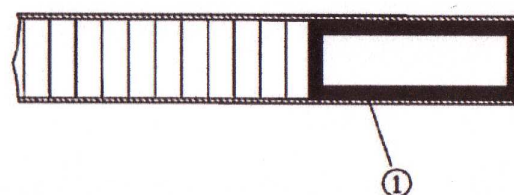
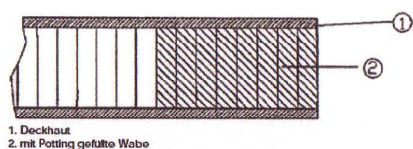
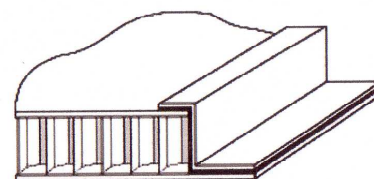
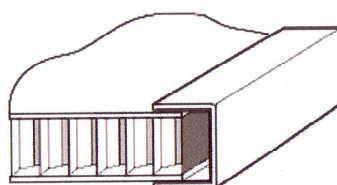
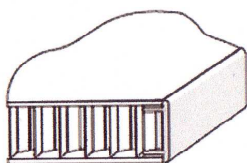
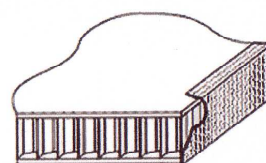
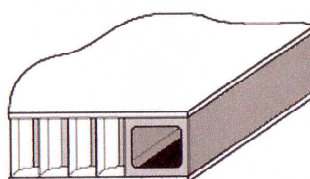
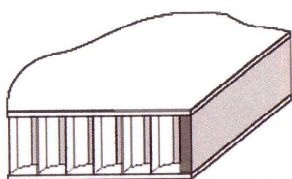


1. Querträger
2. Verschleißplatte

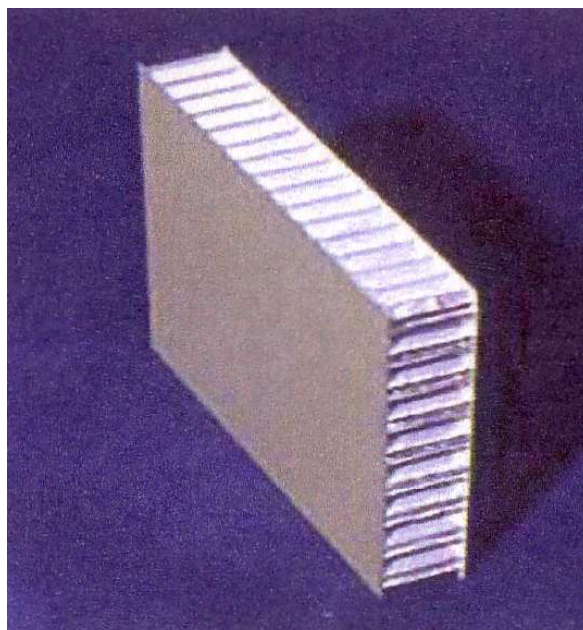
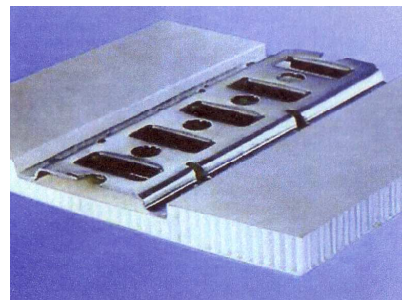
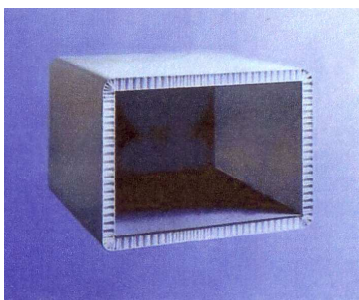
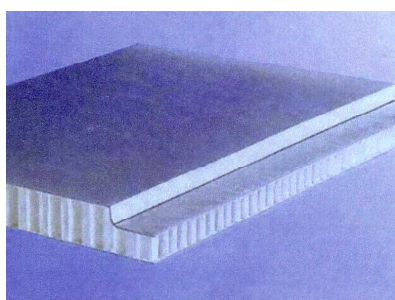
Stossverbindungen Sandwich-Panel



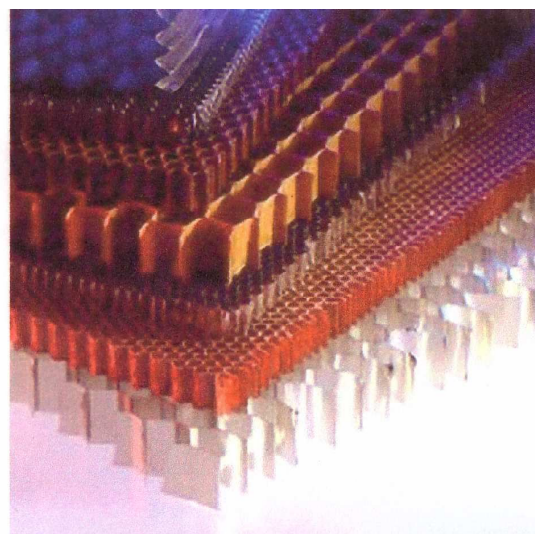
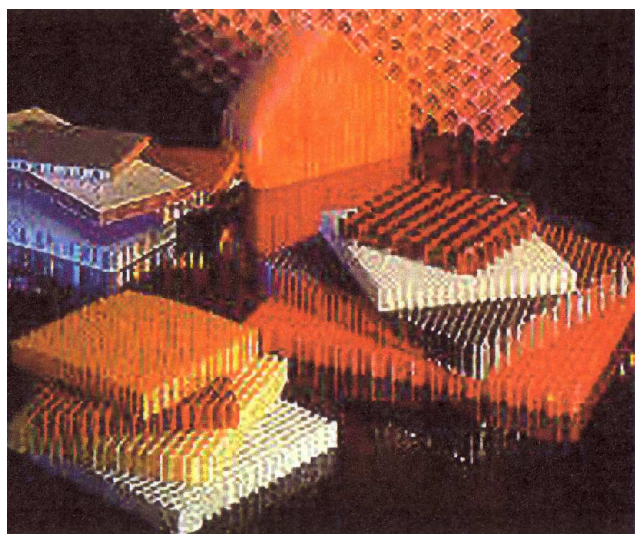
Kantenverschluss Sandwich-Panel



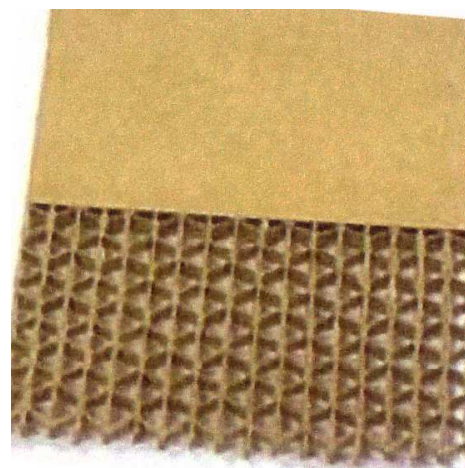
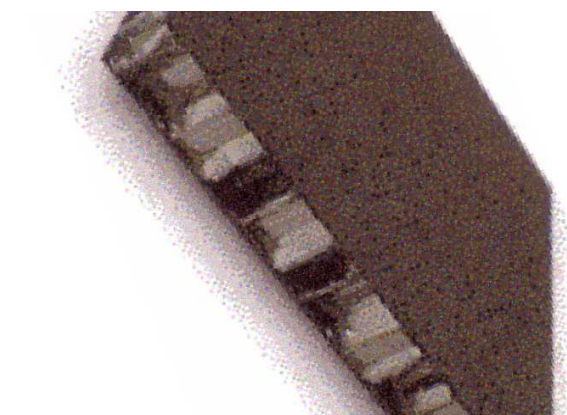
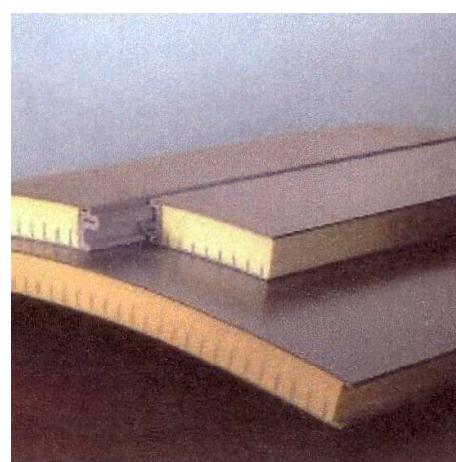
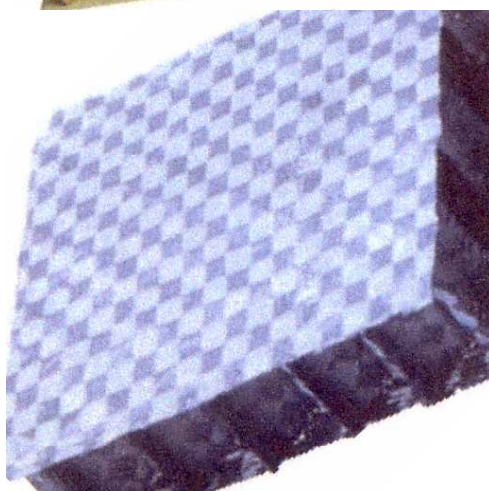
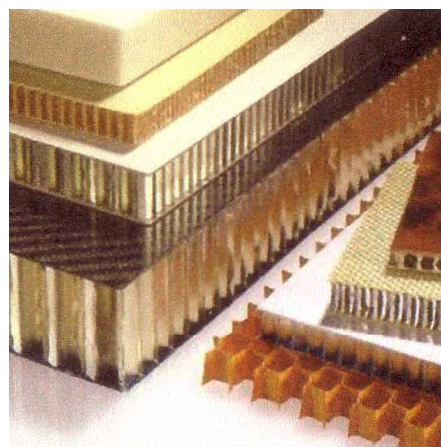
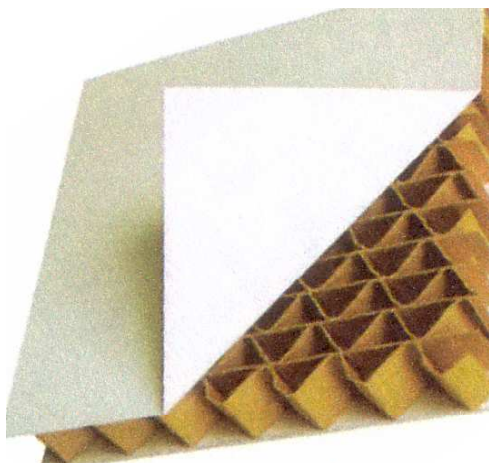
Verarbeitung mit Sandwich-Panel



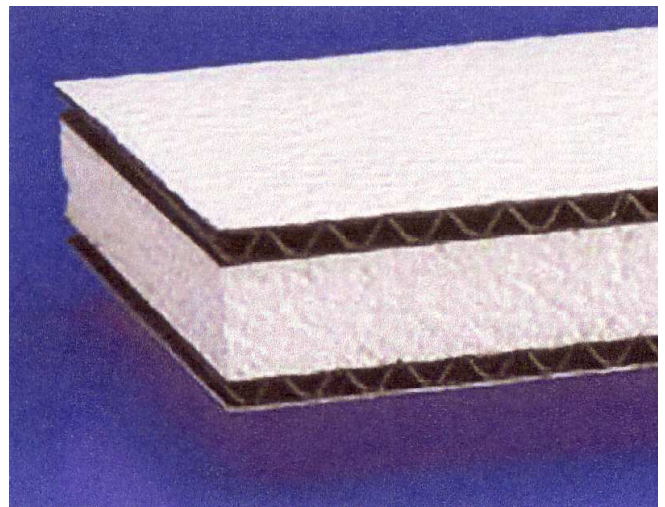
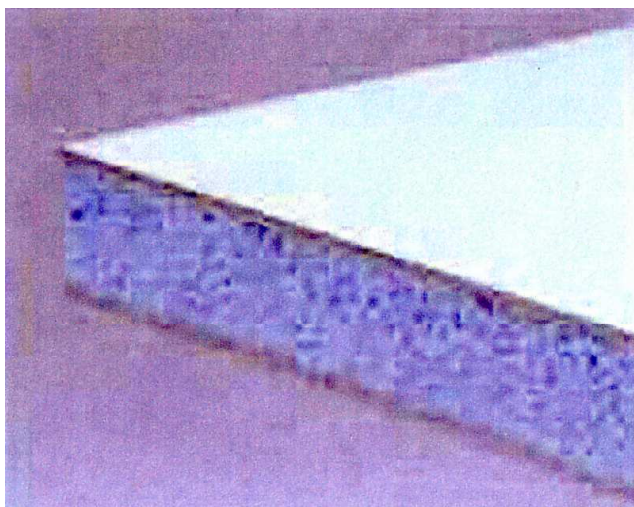
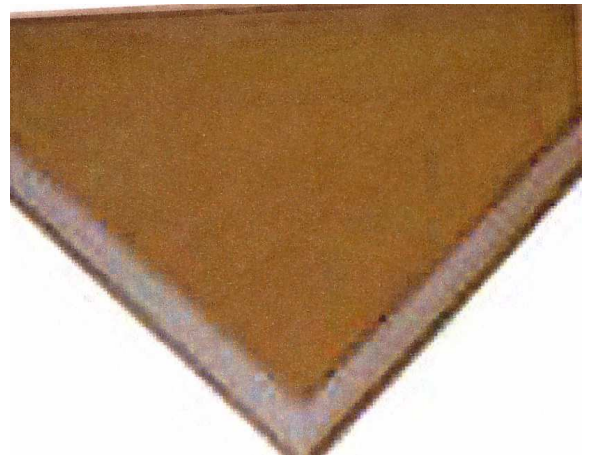
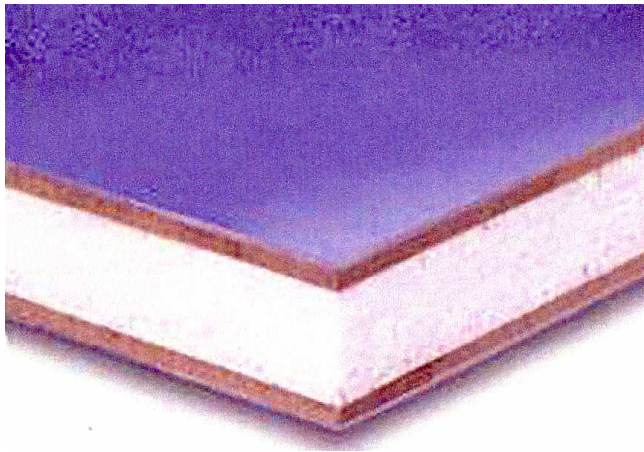
Sandwich Panel-Wabenkerne



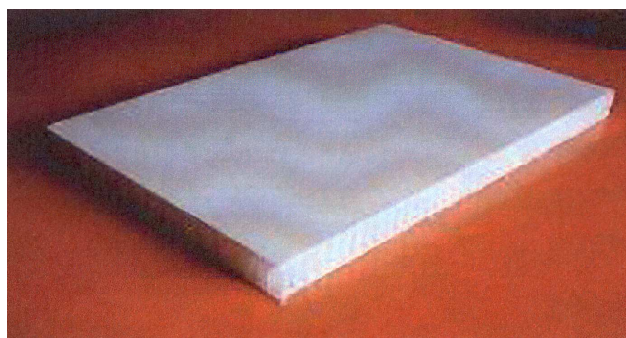
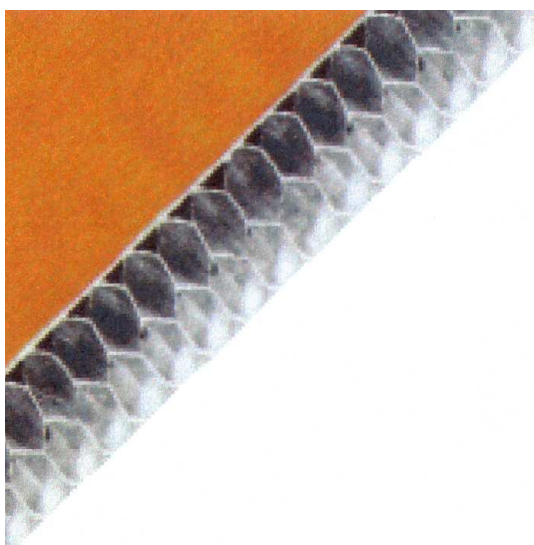
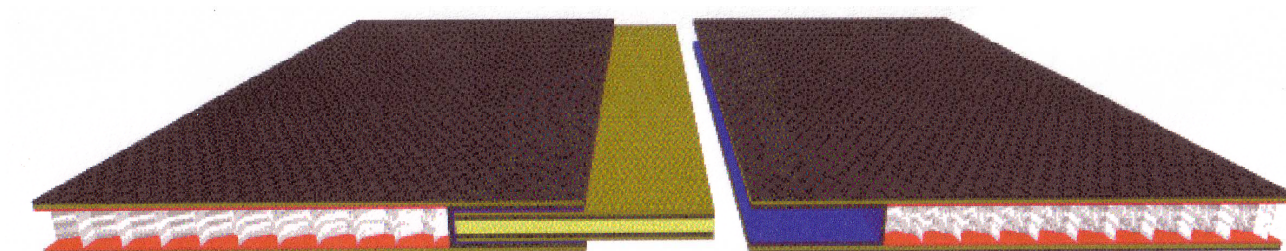
Sandwich Panels (1)



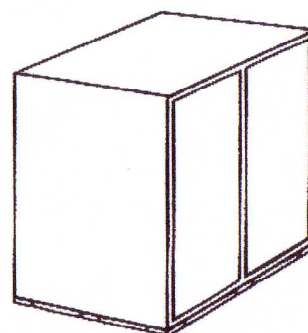
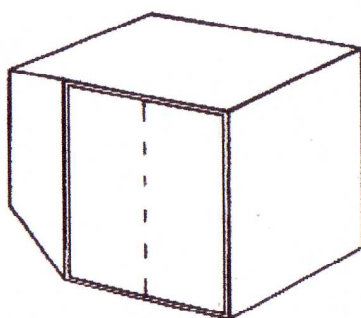
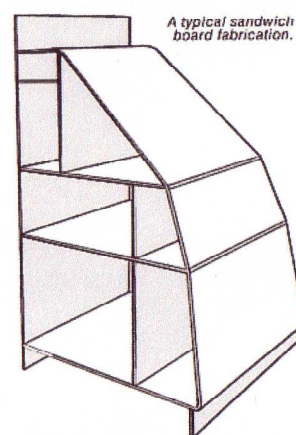
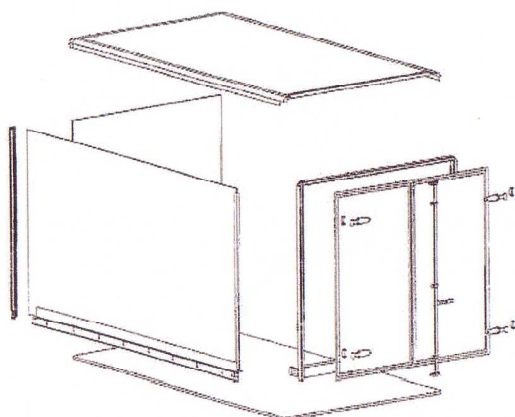
Sandwich Panels (2)



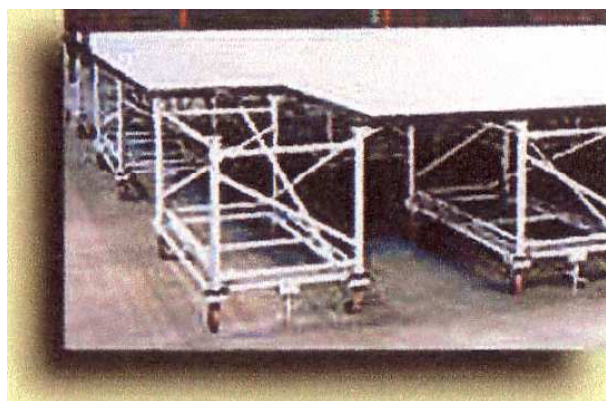
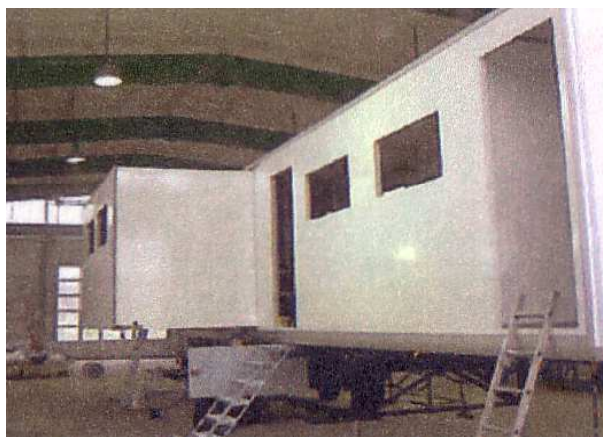
Sandwich Panels (3)



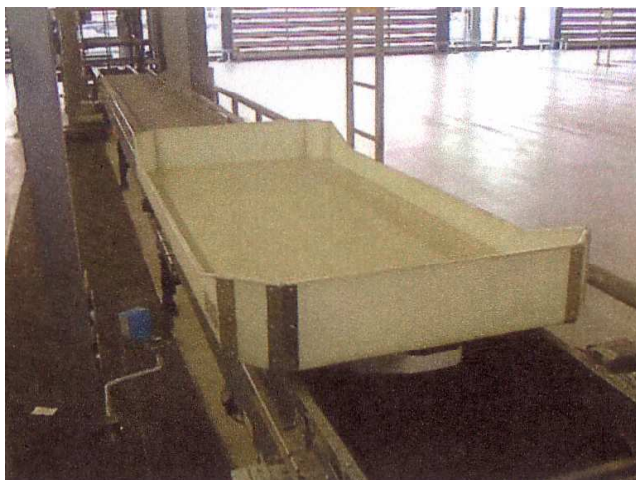
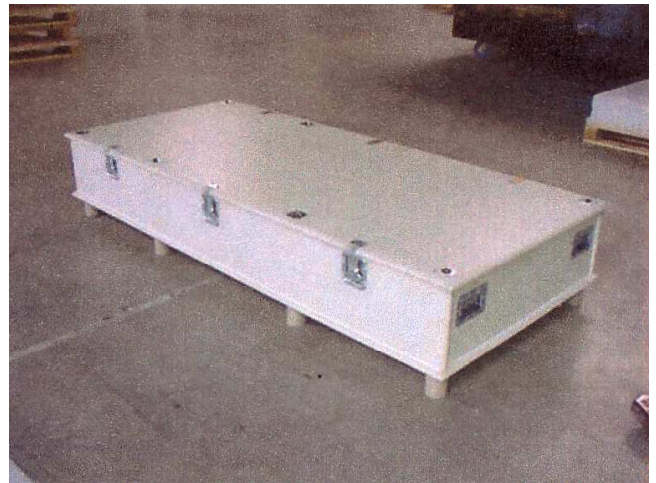
Sandwich Panel Konstruktionen (1)



Sandwich Panel Konstruktionen (2)



Sandwich Panel Konstruktionen (3)



Sandwich Panel Transportbox im ISO See-Container

