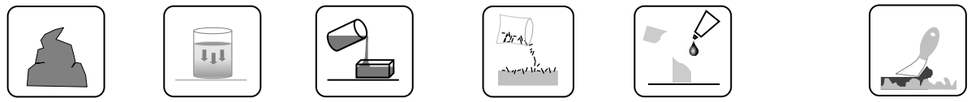
Fillers



Products	FIELDS OF APPLICATION: … thicken / thixotroping	… anti settling	… backfilling	… coupling layer	… bonding, adhesion	… rough putty	… fine- / light-weight putty	DOSAGE by weight *(approx.)*	BULK WEIGHT *(approx.)*	FEATURES / BENIFITS
HP-TH23 *thixotroping agent, minerally based*	+	-	++	-	-	K	-	up to 15%	190 - 200 g/l	*Hygroscopic.* *Do not apply to direct water contact.*
HP-PK22 *thixotroping agent, pyrogenic silica*	++	++	K	K	K	K	K	0,5 - 5%	40 g/l	*Hydrophobic = does not absorb water.* *Density: 2,2g/m³; BET-Surface: 200m²/g* *Dosage depends on the viscosity and the temperature.*
HP-MB2 *microballoons*	-	-	++	-	-	K	++	up to 30%	140 - 150 g/l	*Specific weight: 0,26g/cm³* *max. particle size: 200µm* *melting point: > 1200°C* *Particle size distribution (d50): 50µm*
HP-BF1 *cotton flocks*	K	-	++	++	++	++	K	up to 30%	70 - 90 g/l	*Fibre length: 200 - 400µm* *Fibre thickness: 10 - 20 µm*
HP-GS3, HP-GS6 *chopped glass fibre*	-	-	++	++	++	++	-	up to 10%	350 - 400 g/l	*Fibre length: 3 or 6mm* *Fibre thickness: 10 - 20 µm*

++ = very good applicable + = applicable o = conditionally applicable - = not provided K = only in combination with + or ++

Example formulation for PUTTYS:

	HP-E45KL	(resin)	: 50g
		(hardener)	: 30g
+	HP-PK22	(thixo-agent)	: 2g
+	HP-GS3/6	(chopped glass fibre)	: 10g
	alternative for fine- / light-weight puttys		
	HP-MB2	(microballoons)	: 20g
+	HP-PK22	(perhaps add more)	
		=	approx. 90-100g

Example formulation for ADHESIVES:

	HP-E45KL	(resin)	
+		(hardener)	: 50g
+	HP-PK22	(thixo-agent)	: 30g
+	HP-BF1	(cotton flocks)	: 2g
+	HP-PK22	(perhaps add more)	: 20g
		=	approx. 100g

All fillers are versatile with epoxy, vinylester and unsaturated polyester resins.

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SKZ ISO 9001 Zertifiziertes Managementsystem

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