

## MAIN ZHERMACK PRODUCTS

A: Addition curing (Platinum curing agent)  
 C: Condensation curing (Tin curing agent)  
 WT: Working Time (@ 23°C)

ST: Setting Time (@ 23°C)  
 ShA: hardness (after 24 h)  
 cP: Viscosity in centiPoise (@23°C)

### ADDITION CURING in 1:1 mixing ratio

Packaging available: 1+1 kg, 5+5 kg, 25+25 kg and 200+200 kg

Name	Curing	Form	Colour	Main Applications	WT (@ 23°C)	ST (@ 23°C)	Hardness (ShA)	Visc (cP)	Tear (N/mm)	Density (g/cc)
<b>ZA OF1</b>	A	Liquid	translucid	Special Effects, electronic use	10'-13'	1h	gel	1.000	-	1,01
Properties: gel										
<b>ZA 35-15 GLASS</b>	A	Liquid	transparent	Special Effects	45'	6h	20	200	-	0,98
Properties: very liquid and transparent										
<b>ZA 00 Translucid</b>	A	Liquid	translucid	Podiatry, special applic.	6'	50'	0 shA/40 sh00	1.500	5	1,04
Properties: softness, good mechanical properties, isolating and dumping properties										
<b>ZA 4 LT</b>	A	Liquid	red	Podiatry, special applic.	10'	1h30'	4	1.800	7	1,06
Properties: softness, good mechanical properties, isolating and dumping properties, High elastic return.										
<b>ZA 8 LT</b>	A	Liquid	translucid	Podiatry, special applic.	15'-18'	2h30'	8	1.000	4	1,05
Properties: softness, dimensional stability, precision in reproduction, dumping properties										
<b>ZA 12 LT</b>	A	Liquid	blue	Pad printing	15'	2h	12	3.500	9	1,1
Properties: low viscosity, high mechanical resistance, good properties to transfer ink, good elastic return										
<b>ZA 13 Mould WT45</b>	A	Liquid	translucid	Mould making	45'	4h	13	4.500	10	1,07
Properties: low viscosity, high mechanical resistance, dimensional stability, precision in reproduction										
<b>ZA 16 FAST</b>	A	Liquid	blue	Special applications	10'	1h	16	3.500	9	1,1
Properties: low viscosity, high mechanical resistance, precision in reproduction										
<b>ZA 22 Mould</b>	A	Liquid	blue	Mould making	15'	1h	22	4.000	20	1,13
Properties: low viscosity, high mechanical resistance, dimensional stability, precision in reproduction										
<b>ZA 22-45 Mould Neutro</b>	A	Liquid	whitish	Mould making	45'	7h	22	4.000	20	1,13
Properties: low viscosity, high mechanical resistance, dimensional stability, precision in reproduction										
<b>ZA 22 Spray</b>	A	Liquid	light blue	Vacuum casting	2'	15'	22	4.000	13	1,08
Properties: the product have to be used by spray. Ideal for vacuum bagging or for impression of vertical surface										
<b>ZA 22 Thixo Body</b>	A	Thixo	pink	Body casting	6'	15'	22	> 50.000	14	1,14
Properties: thixotropic, compatibility with skin, dimensional stability, high mechanical properties, high resistance to ageing										
<b>ZA 28 Mould</b>	A	Liquid	green	Mould Making	15'	1h	28	4.000	8	1,13
Properties: low viscosity, dimensional stability, precision in reproduction										
<b>ZA RTV 30-60</b>	A	Liquid	white	Mould Making	70'	10h	30	6.000	18	1,14
Properties: low viscosity, dimensional stability, high mechanical resistance, precision in reproduction										
<b>HT 33 Transparent</b>	A	Liquid	translucid	Mould Making, Jewellery	20'	3h	33	7.500	16	1,1
Properties: low viscosity, dimensional stability, precision in reproduction, high mechanical resistance, durability.										
<b>ZA 35 Mould</b>	A	Liquid	yellow	Mouldmaking	15'	1h	35	4.000	8	1,17
Properties: low viscosity, dimensional stability, precision in reproduction										
<b>ZA 35 Mould Fast</b>	A	Liquid	light green	Mouldmaking	6'	20'	35	4.000	8	1,17
Properties: low viscosity, dimensional stability, precision in reproduction										
<b>MARK Plus (*)</b>	A	Putty	green	Mould making	10'	2h 30'	37	-	6	1,35
Properties: recommended for vertical moulding, precision in reproduction										
<b>HT 45 Transparent</b>	A	Liquid	translucid	Mould Making, Jewellery	10'	1h20'	45	8.000	19	1,11
Properties: high mechanical resistance, dimensional stability, precision in reproduction										
<b>ZA 50 LT</b>	A	Liquid	blue	Mouldmaking	15'-20'	3h	50	20.000	12	1,22
Properties: good mechanical resistance, dimensional stability, precision in reproduction, resistance to high temperature										
<b>ELITE ZA OT 38 (*)</b>	A	Putty	light blue	Otology in cartridge 50 ml	1'30"	3'30"	38	-	-	1,26
Properties: dimensional stability, precision in reproduction, easy to use										
<b>ELITE AD 25 (*)</b>	A	Putty	green	Otology in putty 400+400 g	1'45"	4'	48	-	-	1,34
Properties: dimensional stability, precision in reproduction										
<b>ZA PODOS 15 (*)</b>	A	Putty	pink	Podiatry	1'30"	3'	13	800000	-	1,18
Properties: good mechanical properties, good elastic return, very soft										
<b>ZA PODOS 25 (*)</b>	A	Putty	light pink	Podiatry	1'30"	3'	23	1.250.000	-	1,23
Properties: good mechanical properties, good elastic return										
<b>ZA PODOS 35 (*)</b>	A	Putty	light pink	Podiatry	1'30"	3'	35	1.300.000	-	1,25
Properties: good mechanical properties, good elastic return, used for correction										

(\*) Special packaging

### ADDITION CURING in 10:1 mixing ratio

Packaging available: 5+0,5 kg, 25+2,5 kg, 200+20 kg

Name	Curing	Form	Colour	Main Applications	WT (@ 23°C)	ST (@ 23°C)	Hardness (ShA)	Visc (cP)	Tear (N/mm)	Density (g/cc)
<b>XTX 45 DRY</b>	A	Liquid	transparent	Rapid prototyping	90'	15h	42	35.000	> 20	1,04
<b>XTX 45 OIL BLEEDING</b>	A	Liquid	transparent	Rapid prototyping	90'	15h	42	50.000	> 20	1,04
Properties: high transparency adapt for rapid prototyping, high mechanical properties. We have this product in two version. DRY and OIL BLEEDING (suggested for the resin).										
<b>ZAX 60</b>	A	Liquid	blue	Mouldmaking	60'	24h	60	100.000	10	1,24
Properties: good mechanical resistance against epoxy resins, PU resins, Polyester resins and PU foam.										

## CONDENSATION CURING (tin curing agent 5%)

Packaging available: 1 kg+50 g, 5 kg+100 g, 20 kg+1 kg

Name	Curing	Form	Colour	Main Applications	WT (@ 23°C)	ST (@ 23°C)	Hardness (ShA)	Visc (cP)	Tear (N/mm)	Density (g/cc)
ZC 20-120	C	Liquid	Whitish	Mould making	90'	24h	21	24.000	17	1,18
Properties: low viscosity, high mechanical resistance.										
ZC 30-120	C	Liquid	Whitish	Mould making	90'	24h	30	27.000	17	1,2
Properties: low viscosity, high mechanical resistance.										
ZC P 025 (*)	C	Putty	Light grey	Mould making	90'	18h	20	-	8	1,32
Properties: recommended for vertical moulding										
ZC P 04 (*)	C	Putty	Pink	Podiatry	1'	5'	3	900.000	-	1,08
Properties: good mechanical properties, good elastic return, very soft										
ZC P 14 (*)	C	Putty	Pink	Podiatry	1'	5'	15	1.400.000	-	1,08
Properties: good mechanical properties, good elastic return										
ZC P 20 (*)	C	Putty	Pink	Podiatry	1'	5'	19	1.600.000	-	1,1
Properties: good mechanical properties, good elastic return										
ZC P 35 (*)	C	Putty	Pink	Podiatry	1'	5'	35	1.600.000	-	1,22
Properties: good mechanical properties, good elastic return, used for correction										

(\*) Special packaging

## COSMETIC ALGINATES

Packaging available: 300 bags x 20 g; 20 bags x 500 g; 25 kg

Name	Form	Color	Application	Mixing Ratio (water/powder)	ST (@ 23°C)
AL 9-13	Powder	whitish	Cosmetics	3 part water /1 part powder (weight)	9'-13'
Properties: natural powder, neutral PH, all the raw materials of cosmetic grade					
AL 13-19	Powder	whitish	Cosmetics	3 part water /1 part powder (weight)	13'-19'
Properties: natural powder, neutral PH, all the raw materials of cosmetic grade					

## LIFE CASTING ALGINATES

Packaging available: 20 bags x 500 g; 10 kg; 25 kg

Name	Form	Color	Application	Mixing Ratio (water/powder)	ST (@ 23°C)
AL PR	Powder	light blue	Life Casting	2 part water /1 part powder (weight)	2'30"-3'
Properties: precision in reproduction, recommended for impressions, bio-compatible					
AL MT	Powder	whitish	Life Casting	2 part water /1 part powder (weight)	9'-13'
Properties: precision in reproduction, recommended for impressions, bio-compatible					

NOTE: we have available also a lot of other materials for mould making, for special effect, etc