



(English)  
Instruction Leaflet for  
**"PRATLEY EZEEBOND"**

**GENERAL:**  
Pratley Ezeebond is a sophisticated, high performance, 3rd generation toughened acrylic adhesive. Being tough, it can withstand impact and is used in aerospace and defence applications. It is ideal for replacing spot welds and rivets with a line bond.

**PROPERTIES:**

- High peel strength.
- Fast cure.
- Tough.
- Bonds most materials and rigid plastics.
- Bonds to oily surfaces also.
- Extremely tolerant of malproportioning.
- Oil and paraffin resistant.

**TIME TO SET: (at 23°C)**

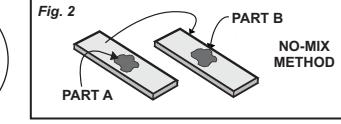
Cure time is affected by reaction heat. The following is valid for 2 g of Part A mixed on a metal surface with 2 g of Part B.  
 • Handling bond in 4½ minutes.  
 • 60% strength in 20 minutes.  
 • Full strength in 1½ hour.

**SURFACE PREPARATION:**

Surfaces to be bonded should be free of loose dirt, rust or paint. Light oil film on the surface is not a problem. Sanding to lightly abrade surfaces will enhance adhesion.

**APPLICATION PROCEDURE:**

- Identify the tube with the blue cap (Part A) and the tube with the red cap (Part B).
- Either squeeze out roughly equal amounts of Part A and Part B onto a flat surface and mix with a spatula (small stick) and place mixture onto surfaces to be bonded. (**Mix method - Fig. 1**). Or Place a blob or a bead of Part A onto one surface and a roughly equal size blob or bead of Part B onto the other surface. (**No-Mix Method - Fig. 2**).
- Slide surfaces together and clamp lightly. Do not adjust position after 2 minutes.



**SOME SUGGESTED USES:**

- Bond sheet metal using bed/base bonds.
- Bond sheet aluminium.
- Attach top-hat section stiffeners to sheet metal.
- Assemble fibreglass components.
- Bond loudspeaker magnets.
- Bond model motors to mounting plates.
- Bond brass name plates to apparatus.

**NOT RECOMMENDED FOR:**

- Continuously high temperatures (above 80°C).
- PTFE, Polyethylene, Polypropylene and Polycetal.
- Prolonged immersion in water.

**SHELF LIFE:**

The shelf life of reactive acrylic is highly dependent upon temperature exposure history. Even short excursions to high >40°C temperatures will adversely affect shelf life. Store in a cool place. Expected shelf life at 23°C or lower is between 6 & 18 months (see best before date on pack).

**SOME OTHER PRATLEY PRODUCTS:**

**PRATLEY PUTTY (QUICKSET)**

High strength hand mouldable putty-like quicksetting adhesive.

**PRATLEY PUTTY (STANDARD)**

Exceptional strength and easy to use under water. Can be smoothed to a glossy finish.

**PRATLEY STEEL**

For quick-set metal mending where colour is important.

**PRATLEY QUICKSET WHITE AND CLEAR GLUES**

For bonding and repairing any rigid materials.

**PRATLEY 1-2-3**

For very quick repairs and bonding when parts are close fitting.

**PRATLEY WONDAFIX**

A unique (patented) high strength, high toughness flexible repair system.

**PRATLEY FLEXISEAL**

A permanently flexible waterproof sealer for joints and cracks.

**PRATLEY MIX**

General purpose repair kit for concrete, floor patching etc.

**PRATLEY SUPERGLUE**

The best in its class.

**PRATLEY POWDABOND**

Fills gaps and repairs almost anything within seconds.

**Note:** Some of the above are available in larger industrial packs.

## PRATLEY EZEEBOND

(Afrikaans)

**ALGEMEEN:**

Pratley Ezeebond is 'n gevorderde, hoë werkverrigting, 3de generasie geharde akryliese kleefstof. Omdat dit taai is, is dit skokbestand en word vir lugvaart en verdedigingstoepassings gebruik. Dit is ideal vir die vervanging van punt-swielasse en klinknaals met heglyne.

**KENMERKE:**

- Hoë afslagsterkte.
- Vinnige settyd.
- Sterk.
- Heg die meeste materiale en onbuigsame plastiek.
- Heg ook aan olierige oppervlakte.
- Utters verdraagsaam vir wanvermenging.
- Bestand teen olie en paraffien.

**SETTYD: (teen 23°C)**

Settyd word beïnvloed deur reaksiehitte. Die volgende is van toepassing op 2 g van Deel A gemeng op 'n metaal oppervlak met 2 g van Deel B.

- Hanteerbare aanhegting 4½ minute.
- 60% sterke in 20 minute.
- Volle sterke in 1½ uur.

**VOORBEREIDING VAN OPPERVLAKKE:**

Oppervlakte wat geheg word, moet nie los stukkies vullis, roses of ver bevat nie. 'n Lagie olie op die oppervlak is geen probleem nie. Skuur oppervlakte liggies om kleefvermoë te verhoog.

**GEbruIKSAANWYsINGS:**

- Identifiseer die buis met die blou prop (Deel A) en die buis met die rooi prop (Deel B)..
- Druk ongeveer gelyke hoeveelhede van Deel A en Deel B op 'n plat oppervlak uit en meng met 'n spatel (of 'n klein stokkie) en plaas mengsel op die oppervlakte wat geheg moet word.

**(Mengmetode - Fig. 1), of**

Plaas 'n bolletjie van Deel A op een oppervlak en ongeveer 'n gelyke grootte bolletjie van Deel B op die ander oppervlak (**Methode sonder meng - Fig. 2**).

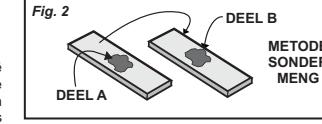
- Skuif die vlakke opmekaaar en klamp liggies vas. Moenie posisie verstel na 2 minute nie.

Fig. 1



**MENGMETODE**

**Let Wel:** Sommige van die bovenoemde produkte is in groter verpakings vir industriële gebruik beskikbaar.



**VOORGESTELDE GEBRUIKE:**

- Heg plaatmetaal deur die gebruik van heglyne.
- Heg plaataluminium.
- Heg vierkantskies verstewigers aan plaatmetaal.
- Monteer veselglas onderdele.
- Heg luidsprekermagnete.
- Heg modelmotore aan monteerplate.
- Heg geelkoper naamplate aan apparate.

**WORD NIE ANBEVEEL VIR:**

- Voordurende hoë temperatuur (bo 80°C).
- PTFE, Polietilene, Polipropyleen en Poliasetene.
- Verlegge onderdomping in water.

**RAKLEWE:**

Die raklewe van reaktiewe "acrylic" is hoogs afhanglik van die temperatuur blootstellings geskeidens. Selfs korg blootstelling aan hoë temperatuur >40°C sal die raklewe negatief beïnvloed. Berg in 'n koel plek. Verwagte raklewe teen 23°C en laer is tussen 6 & 18 maande. (sien vervaldatum op pak)

**ANDER PRATLEY-PRODUKTE:**

**PRATLEY PUTTY (KITSVAS)**

Sterk, handvormbare, stopvergaapende, snelbindende Kleefmiddel.

**PRATLEY PUTTY (STANDAARD)**

Buitengewoon sterk en maklik om onder water aan te wend. Kan glad gestryk word om 'n goed sluiting te vorm.

**PRATLEY STEEL**

Vir snelbindende metaalherstelwerk waar die kleur van belang is.

**PRATLEY KITSVAS WIT EN HELDER KLEEFSTOWWE**

Om enige onbuigsame materiaal van te plak en heel te maak.

**PRATLEY 1-2-3**

Vir baie vinnige herstelwerk en om styfpassende dele was te plak.

**PRATLEY WONDAFIX**

'n Unieke, hoësterke, uiters taai buigsame herstelsel.

**PRATLEY FLEXISEAL**

'n Permanente buigsame, waterdigte seëlaar vir laste en kraake.

**PRATLEY MIX**

Algemene doel hersteluitrusting vir beton, vloerherstelwerk ens.

**PRATLEY SUPERGLUE**

Die beste van sy soort.

**PRATLEY POWDABOND**

Kan gebruik word om gapings te vul en herstel byna enige iets binne sekondes.

## PRATLEY EZEEBOND

(Zulu)

**ULWAZI NGAYO:**

I-Pratley Ezeebond iyinkimbinkimi, isebenza kahle kakhlu, iyingina ye-acrylic yesigaba sesithatu. Njengoba iqinile, iwaykazi ukumelana nokusayiseka kuhlu futhi isetsihenzisa ezindzini nasezintweni zezokuvikela. Inhle kakhlu ekulungiseni ukugekeka kwendawo ebishiselwe kanya nama-rivets.

**UKWAKHEKA KWAYO:**

- I-namatheka izindzana ezkibukayo.
- Ilhanganisa ngokushesa.
- Ibamba iqinile.
- Iyazinamatheksa izinto zezinholo ezingini kuhalangathse nezenzini negepusatiki eqinile.
- Iyazinamatheksa izindzana endaweni emanafutha.
- Iyakazi ukusukela kahle ngisho nomu nogafawanga ngokuhane.
- Ikwazi ukumelana namafutha nopharafini.

**ISIKHATHI ESITHATHAYO UKUZE INAMATHELE:**

(ngaphensi kuhlu-23°C) Ukhuti ihlatha isikhathi esingakanani kunquenywa yizinga lokushisa. Okulandela kusebenza uma kuxuthshele phezu kwenzile. I-Pratley Ezeebond isekwazi u-2 g wePart A kanye no-2 g wePart B.

- Iyabamba emizwini engu-4,5.
- Iyuke isiqinge ngamaphesenti angu-60 ngemizuzu engu-20.
- Iyuse isibambe yaqinisa ngokuphelele ngemva kwamahango angu-1,5.

**UKULUNGISA UKUNAMATHELSA:**

Indawo ezonanyathelwa akufukela ibe nokungcola okusukayo, ukulekse kwnsimbi nomu upende. Uma ukunamafutha amancane kuleyo nto akungankina. Ukuhukha nokuyiphucula indawo ezonanyathelwa kungasiza ekwenzeni inamathele kangocongo.

**INDELELA YOKWENZA:**

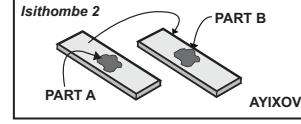
- Thola ishululekse nesivelo celululaza (Part A) en yingi celululaza volvo estolpnu (Part B).
- Ukulekse endaweni ukusukela izinto ezinganano zika-Part A eno Part B endaweni evisca base uziwoxka ngephini nomu indu encane, ngemva kualohlo igcobe le ngubxe eziwtene enizionanyathelwa, (Indlela yokuxova Esithombe 1). Nomu Uputhusele inkenganya ka-Part A kwenye yezipto ozozinamathelsa kanye nengxene ozooyinamathelsa nayo (Ayixovwa - Isithombe 2).
2. Iyolanganise lezi zingxene ezbimbi bese uzifasa ngenoto yufakasa. Uma sekuso kwadluu imizusa ezbimbi ungabe uzazinyakazisa ngenjongo yokuzilungisa.

Isithombe 1



INDELELA YOKUXOVA

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**EZINYE IZINDLELA ZOKUYISEBENZISA:**

- 1. Ilhanganisa othayela bensimbi ngokudiyiputshuzela kubo.
- 2. Ilhanganisa othayela be-aluminum.
- 3. Iyazinamatheksa izindzana ezkibukayo phezu kweziyne.
- 4. Ilhanganisa i-fibre glass.
- 5. Ilhanganisa ozibuze bama-speaker ezinkulu.
- 6. Iyamathelsa i-mishini edumayo (motor) andaweni okufanele ixhunye kuyo.
- 7. Iyamathelsa uncwece obhalwa igama emishini yakhona.

**UKUSETHENZISA OKUNGAFANELE:**

- Emazingeni okusuka ahlaephake (ngaphensi kuhlu-50°C).
- Ezintweni ze-PTFE, ezopulapsitiki wokwenza izintweni negepusatiki kowkenza amabhodela ne-Polymer.
- Ukwicilwisa isikhathi eside emanzini.

**UBUDU BE SISIKHATHI SESHALOFU:**

Ukhuti ishalofu le-acrylic ihlala isikhathie eside kangakanani kunciksi kakhlu emazingeni okusuka elaphakethi kuhlu. Iyakazi ukusukela kuhlu-40°C kungakuthuthe kuhlu ubudu besikhathi beshalofu. Ligcine endaweni esiphele. Ubude obulindeleni besikhathi seshalofu elisedaweni engu-23°C nomu ngaphensi buphakathi kweziyninga ezingu-6 ngezingu-18 (bekha usuku lokugcina ephakethi)

**EMINYE IMIKHIQIZO YAKWA-PRATLEY:**

I-Pratley I-Pratley Putty (ENAMATHELA NGOKUSHESHA): Iyaphi enamatheka ngamandla ebumbeka ngesandla eyingona enamatheka ngokushesha.

**I-PRATLEY I-PRATLEY PUTTY (EVAMILE):**

Inamandla akhetheleku futhi kuhlu ukuyisembenza emanzini. Ingasethenzisa njengento ukuyisembenza.

**I-PRATLEY STEEL:**

Eykounameka izinsimbi ukuze kuhlu endaweni ukulekse waloza.

**I-PRATLEY QUICKSET WHITE AND CLEAR GLUES:**

Eykounamathelsa nomu ukunamathelsa izinto ezingizile.

**I-PRATLEY 1-2-3:**

Eykounameka izintzo ngokushesa uma izingxene kufanele zinamathelesa eduze.

**I-PRATLEY WONDAFIX AL:**

Eykounamathelsa izintweni eziwuzayo, emajoyintini nalapho kumeminkeni khona.

**I-PRATLEY MIX:**

Eykoulungisa izinto ezhilukahlukenne njengokhonko wendlu, ukula izogido phansi endlini, nokunye.

**I-PRATLEY SUPERGLUE:**

Iphuma phambili.

**I-PRATLEY POWDABOND:**

Ivala izikhalu futhi ilungisa cishe nome yini ngemizuwana nje.

**Phawula:** Emyne imikhiqizo engenhia iytaholakalo ngamaphakethi amakulu.

