

Tip-Edge PLUS® Ceramic with Readi-Base® Pre-Applied Adhesive

Featuring Personalized Color-Matching Technology

The Tip-Edge PLUS Ceramic Bracket is even easier to use with the addition of Readi-Base Pre-Applied Adhesive. Ready for application right out of the package, the polymer mesh base is coated with a light cure adhesive that bonds uniformly and debonds quickly and easily. The entire process is simplified, reducing overall chairtime and increasing productivity.

- Individually sealed light protective packaging ensures shelf life
- Jig suspension prevents contamination or loss of adhesive
- Remove bracket from package with tweezers or bonding forceps, place, and cure



Personalized
Color-Matching
Technology®

Patient Kits — Readi-Base

Upper & Lower 5-5

RB297-602

Brackets are on incisal jigs.

Packs of 5 — Readi-Base Maxillary Brackets

			Slot Size	Left/ Right	Oriented 3.5mm Blue	Oriented 4mm Red	Oriented 4.5mm Yellow
Central	Torque Tip	+12° +5°	.022"	L R		RB297-639 RB297-640	
Lateral	Torque Tip	+8° +9°	.022"	L R	RB297-629 RB297-630		
Cuspid	Torque Tip	-2° +11°	.022"	L R			RB297-659 RB297-660
Bicuspid	Torque Tip	-7° 0°	.022"	CCW CW		RB297-645 RB297-646	

Packs of 5 — Readi-Base Mandibular Brackets

			Slot Size	Left/ Right	Oriented 3.5mm Blue	Oriented 4mm Red
Anteriors	Torque Tip	-1° 0°	.022"	L R	RB297-633 RB297-634	
Cuspid	Torque Tip	-11° +5°	.022"	L R		RB297-651 RB297-652
Bicuspid	Torque Tip	-20° 0°	.022"	CCW CW		RB297-653 RB297-654

TIP-EDGE PLUS WITH READI-BASE FREQUENTLY ASKED QUESTIONS

1. What type of adhesive is pre-applied to PLUS brackets?

Similar to other light cure adhesives on the market, it consists of methacrylate binders with photoinitiator, inhibitors, and inert fillers such as glass powder and thickening/flow control agents. The adhesive cures rapidly when exposed to blue light and has excellent bond strength.

2. Can I reposition the bracket once I've placed it on the tooth?

The adhesive becomes less viscous when pressure is applied allowing ease of movement for exact bracket placement. When the bracket is positioned and pressure is released, the adhesive will again thicken to stop drift. Once the bracket is in position, wipe away any excess adhesive before curing.

3. What is the bond strength of PLUS with Readi-Base brackets?

Peak bond strength depends largely on the surface covered by the different-sized brackets. The bond strength is as strong as other light cure adhesives applied by hand.

4. Is the bracket difficult to debond?

Bond strength of PLUS with Readi-Base brackets is the same as traditional PLUS brackets. During debonding, the mesh base releases just like a regular PLUS bracket.

5. What's the best way to store the brackets?

PLUS with Readi-Base brackets should be stored in unopened packages out of direct sunlight or strong artificial light in temperatures between 35°F and 80°F (2°C and 27°C). Packages should be protected from fluctuations in temperature.

6. My PLUS with Readi-Base brackets were stored outside of the recommended temperature range. Will this ruin them?

Even brief exposure outside the recommended temperature range can compromise the desired properties.

7. Can I freeze the brackets or store them below the recommended temperature to increase their shelf life?

Storing at cold temperatures below the recommended temperature range can irreversibly damage the adhesive.

8. Does Readi-Base adhesive contain fluoride?

The adhesive releases fluoride while curing which helps provide added protection in preventing tooth decay.

9. Can I use PLUS with Readi-Base brackets along with regular PLUS brackets?

PLUS with Readi-Base brackets and regular PLUS brackets can be used together.

10. Does the preapplied adhesive affect profile height?

No. Profile height is determined largely by the bracket height since excess soft adhesive is squeezed out when mounting the bracket.

11. Are PLUS with Readi-Base brackets compatible with all primers and sealants?

PLUS brackets with Readi-Base are compatible with all primers and sealants available for orthodontic bracket mounting. Please note that the use of adhesion promoters is neither required nor recommended and may cause damage to the enamel during debonding.

12. Is the Readi-Base adhesive moisture-resistant?

Moisture can contaminate the adhesive and lower bonding performance. The tooth surface should be thoroughly dried after conditioning prior to applying sealant resin and bracket placement.

If contamination occurs, the individual bracket pod can be resealed to increase the working time of the adhesive.

13. What if there is a problem such as moisture contamination or an accidental debond? Can I re-bond a PLUS with Readi-Base bracket by using another adhesive?

The bracket can be re-used by wiping off uncured adhesive with a lint-free dry cloth. Another light cure adhesive, such as Turbo Bond II, should be applied to the bracket base after checking for any damage or contamination. The safest and preferred method is to obtain another regular PLUS bracket or another PLUS with Readi-Base bracket as a replacement.

14. Does the adhesive cure in a different color from the bracket?

The adhesive maintains the same color as the base and will not change the appearance of the bracket.

15. Can PLUS brackets with Readi-Base be used for indirect bonding?

The brackets are designed for direct bonding only.

16. Is it possible for me to bond some of the brackets and keep the rest in the package? Will they "go bad?"

Each bracket is sealed in its own light-protective, foil-sealed pod. Pods can be resealed. Be aware that the shelf life will be compromised once a pod is opened and resealed. The preferred method is to determine what brackets are needed beforehand and to use all brackets once the package is opened.

17. What is the shelf life for unopened packages of PLUS with Readi-Base brackets?

The shelf life for unopened brackets is 18 months from the date of manufacture. The expiration date is clearly visible on the product packaging.



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