

Osteo-site® Cement Features & Benefits

An Innovative Range of PMMA Bone Cements
Indicated to Vertebroplasty and Kyphoplasty

DELIVERY TECHNIQUE

Osteo-Site® Needle

SIZE

11G & 13G

- Vertebroplasty
- Kyphoplasty

- Premeasured one-to-one ratio components (polymer & monomer) ready-to-use and easy to mix
- Low, medium or high viscosity enabling sufficient injection time (from 8 to 18 min)
- High rate of radiopaque agent providing safe radiological control

Indications

	VERTEFIX HV	VERTEFIX PLUS	OSTEOFIX	THERMALFIX
VERTEBROPLASTY	●	●	●	●
KYPHOPLASTY	●	●	●	●

Features

MIXED VOLUME	18CC	16CC	16CC	16CC
RADIOPACITY	30%	35%	45%	50%
MAX TEMPERATURE	59° C / 138.2° F	59° C / 138.2° F	40° C / 104.0° F	88° C / 190.4° F
VISCOSITY	HIGH	LOW	MEDIUM	LOW
MIXING TIME	40 SEC	30 SEC	30 SEC	45 SEC
TRANSFER TIME	2.5 MIN	1.5 MIN	5.5 MIN	2.25 MIN
WAITING TIME	0 MIN	2 MIN	0 MIN	0 MIN
INJECTION TIME	18 MIN	8 MIN	15.5 MIN	9.5 MIN
MECHANICAL PROPERTIES	ISO 5833 COMPLIANT	ISO 5833 COMPLIANT	ISO 5833 COMPLIANT	ISO 5833 COMPLIANT

Osteo-site® Products / Cements

Vertefix® HV

Bone Cement Infused with Insite™ Tracking Beads

Used for fixation of pathological fractures of the vertebral body using vertebroplasty and kyphoplasty procedures.

- Two components (powder & liquid) PMMA bone cement
- Cement components are easy to mix, no measurement is required
- Injection time: 18 minutes. Yield: 18cc of PMMA

Supplied sterile in box. Intended for one-time use.

INDICATIONS

- Painful vertebral compression fractures, benign lesions (hemangioma)
- Malignant lesions (metastatic cancer, myeloma, tumors)
- Treatment of acute & chronic instabilities
- Deformities of the thoracic, lumbar and sacral spine
- Osteoporosis, osteopenia, metastatic disease



Infused with Insite Tracking Beads for real-time **flow visualization**, with **high viscosity** and long working time for better control.

ORDER INFORMATION

Vertefix® HV

PRODUCT NAME	MIXED VOLUME	CEMENT RADIOPACITY	MAXIMUM TEMPERATURE	VISCOSITY	GLOBAL PRODUCT NUMBER
VBC-400	18cc	30%	59° C / 138.2° F	High	G90005

Kit Configurations

PRODUCT NAME	SIZE	DESCRIPTION	GLOBAL PRODUCT NUMBER
VCF Kit	-- ○	DuroJect Injector, MiniMix, and Vertefix HV	G80004
Bone Filler Kit	10G	Osteoforce Injector, Bone Fillers, Syringes, MiniMix, & Vertefix HV	G80007
Bone Filler Kit	11G	Osteoforce Injector, Bone Fillers, Syringes, MiniMix, & Vertefix HV	G80008

Not all parts numbers shown may be approved for sale in all regulatory jurisdictions. Parts and configurations are subject to change without notification. Please consult with your Account Representative for details.

Osteo-site® Products / Cements

Vertefix® Plus

Biocompatible Bone Cement

Used for fixation of pathological fractures of the vertebral body using vertebroplasty and kyphoplasty procedures, as well as injection into pedicular screws.

- Two components (powder & liquid) PMMA bone cement
- Cement components are easy to mix, no measurement is required
- Injection time: 8 minutes. Yield: 16cc of PMMA

Supplied sterile in box. Intended for one-time use.

INDICATIONS

- Painful vertebral compression fractures, benign lesions (hemangioma)
- Malignant lesions (metastatic cancer, myeloma, tumors)
- Treatment of acute & chronic instabilities
- Deformities of the thoracic, lumbar and sacral spine
- Osteoporosis, osteopenia, metastatic disease



Loaded with **hydroxyapatite** for biocompatibility. The **good radiopacity** enables efficient **visualization guidance**.

ORDER INFORMATION

Vertefix® Plus

PRODUCT NAME	MIXED VOLUME	CEMENT RADIOPACITY	MAXIMUM TEMPERATURE	VISCOSITY	GLOBAL PRODUCT NUMBER
VBC-100-PL	16cc	35%	59° C / 138.2° F	Low	G90002

Kit Configurations

PRODUCT NAME	SIZE	DESCRIPTION	GLOBAL PRODUCT NUMBER
VCF Kit	-- ○	DuroJect Injector, MiniMix, and Vertefix Plus	G80003

Not all parts numbers shown may be approved for sale in all regulatory jurisdictions. Parts and configurations are subject to change without notification. Please consult with your Account Representative for details.



Osteo-site® Products / Cements

Osteofix®

Low Exothermic Bone Cement

Used for fixation of pathological fractures of the vertebral body using vertebroplasty and kyphoplasty procedures.

- Two components (powder & liquid) PMMA bone cement
- Cement components are easy to mix, no measurement is required
- Injection time: 15.5 minutes. Yield: 16cc of PMMA

Supplied sterile in box. Intended for one-time use.

INDICATIONS

- Painful vertebral compression fractures, benign lesions (hemangioma)
- Malignant lesions (metastatic cancer, myeloma, tumors)
- Treatment of acute & chronic instabilities
- Deformities of the thoracic, lumbar and sacral spine
- Osteoporosis, osteopenia, metastatic disease



Medium viscosity enables **long working time** and give the possibility of **multi-level injection procedures**. The **high rate** of radiopacifer provides good **visualization guidance**.

ORDER INFORMATION

Osteofix®

PRODUCT NAME	MIXED VOLUME	CEMENT RADIOPACITY	MAXIMUM TEMPERATURE	VISCOSITY	GLOBAL PRODUCT NUMBER
VBC-200	16cc	45%	40° C / 104.0° F	Medium	G90000

Kit Configurations

PRODUCT NAME	SIZE	DESCRIPTION	GLOBAL PRODUCT NUMBER
VCF Kit	-- ○	DuroJect Injector, MiniMix, and Osteofix	G80001
Bone Filler Kit	10G	Osteoforce Injector, Bone Fillers, Syringes, MiniMix, & Osteofix	G80005
Beall Spinoplasty Kit	13G	DBBN Access Needle, Syringes, MiniMix, & Osteofix	G80006

Not all parts numbers shown may be approved for sale in all regulatory jurisdictions. Parts and configurations are subject to change without notification. Please consult with your Account Representative for details.

Osteo-site® Products / Cements

Thermalfix®

High Exothermic Bone Cement

Used for fixation of pathological fractures of the vertebral body using vertebroplasty and kyphoplasty procedures.

- Two components (powder & liquid) PMMA bone cement
- Cement components are easy to mix, no measurement is required
- Injection time: 9.5 minutes. Yield: 16cc of PMMA

Supplied sterile in box. Intended for one-time use.

INDICATIONS

- Painful vertebral compression fractures, benign lesions (hemangioma)
- Malignant lesions (spinal metastases, myeloma)



Exothermic bone cement, heat release **exceeding 85° C**, when in contact with bone. Radiopacifer of 50% enables **maximum and safe radiological control.**

ORDER INFORMATION

Thermalfix®

PRODUCT NAME	MIXED VOLUME	CEMENT RADIOPACITY	MAXIMUM TEMPERATURE	VISCOSITY	GLOBAL PRODUCT NUMBER
VBC-300	16cc	50%	88° C / 190.4° F	Low	G90001

Kit Configurations

PRODUCT NAME	SIZE	DESCRIPTION	GLOBAL PRODUCT NUMBER
VCF Kit	-- ○	DuroJect Injector, MiniMix, and Thermalfix	G80002

Not all parts numbers shown may be approved for sale in all regulatory jurisdictions. Parts and configurations are subject to change without notification. Please consult with your Account Representative for details.