

Osteo-Site[®] Cement Features & Benefits

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

- Premeasured one-to-one ratio components (polymer & monomer) ready-to-use and easy to mix
- Low or medium viscosity enabling sufficient injection time (From 10 to 20 min)
- High rate of radiopaque agent providing safe radiological control

Indications

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

Features

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

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: 16 cc of PMMA

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

DELIVERY TECHNIQUE

Osteo-Site® Needle

SIZE

11G & 13G

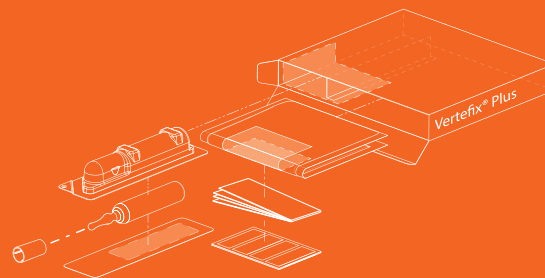
- Vertebroplasty
- Kyphoplasty

INDICATIONS

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



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



ORDER INFORMATION

Vertefix® Plus

SET ORDER NUMBER	MIXED VOLUME	CEMENT RADIOPAcity	MAX TEMPERATURE	VISCOSITY	GLOBAL PRODUCT NUMBER
VBC-100-PL	16cc	35%	59° C / 138.3° F	Low	G90002

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.

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: 16 cc of PMMA

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



DELIVERY TECHNIQUE

Osteo-Site® Needle

SIZE

11G

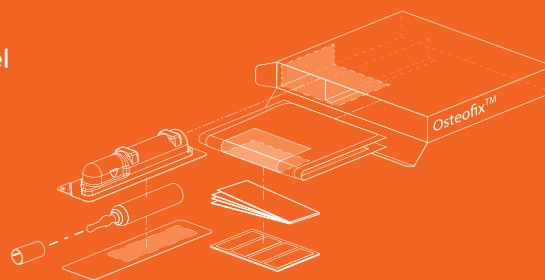
- Vertebroplasty
- Kyphoplasty

INDICATIONS

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

Medium viscosity enables **long working time** and gives the possibility of **multi-level injection procedures**.

The **high rate** of radio-pacifer provides good **visualisation guidance**



ORDER INFORMATION

Osteofix®

SET ORDER NUMBER	MIXED VOLUME	CEMENT RADIOCAPACITY	MAX TEMPERATURE	VISCOSITY	GLOBAL PRODUCT NUMBER
VBC-200	16cc	45%	40° C / 104° F	Medium	G90000

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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: 16 cc of PMMA

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

DELIVERY TECHNIQUE

Osteo-Site® Needle

SIZE

11G & 13G

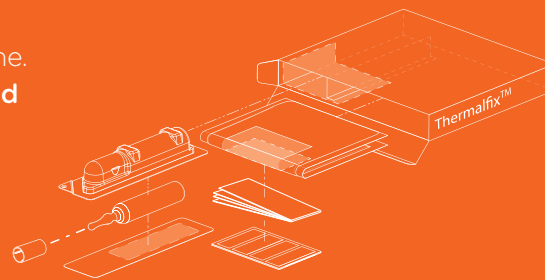
- Vertebroplasty
- Kyphoplasty

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. Radiopacifier of 50% enables **maximum and safe radiological control**



ORDER INFORMATION

Thermalfix®

SET ORDER NUMBER	MIXED VOLUME	CEMENT RADIOCAPACITY	MAX TEMPERATURE	VISCOSITY	GLOBAL PRODUCT NUMBER
VBC-300	16cc	50%	88° C / 190.4° F	Low	G90001

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